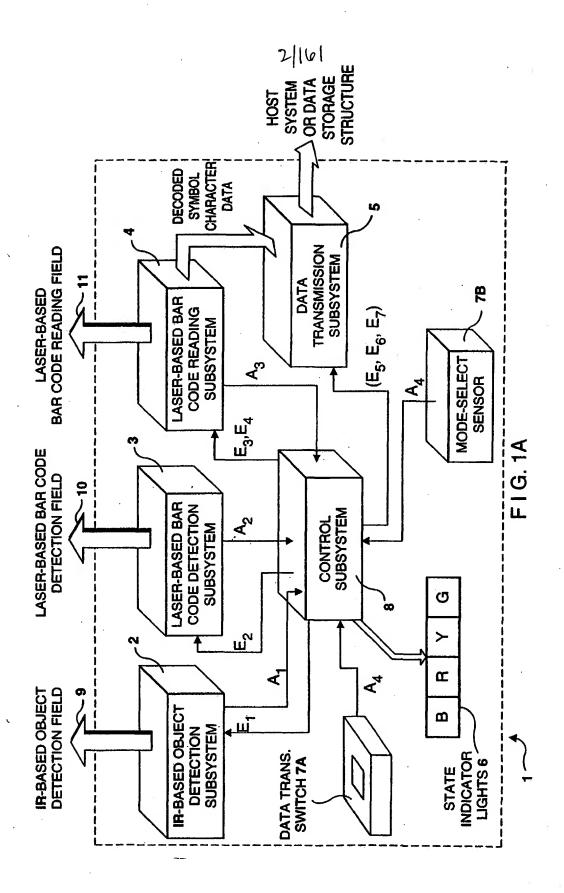
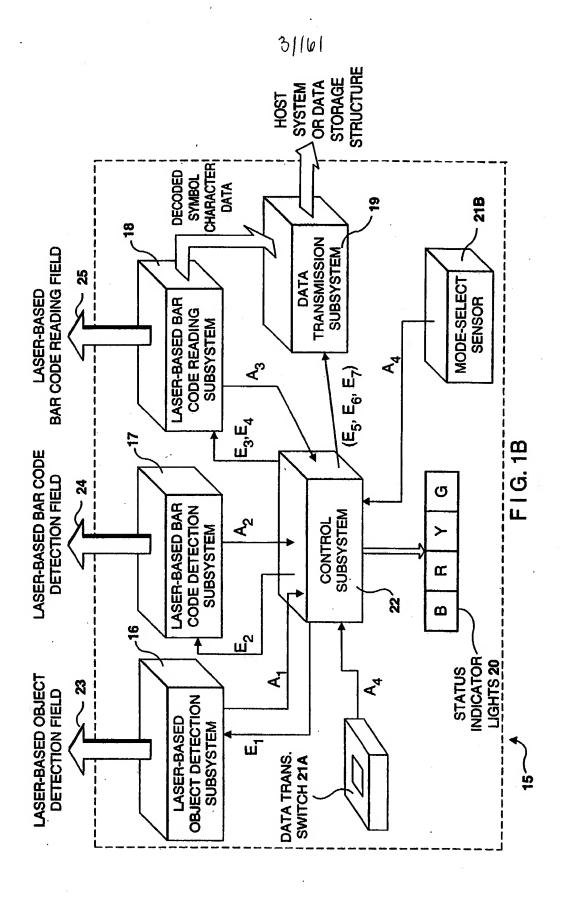
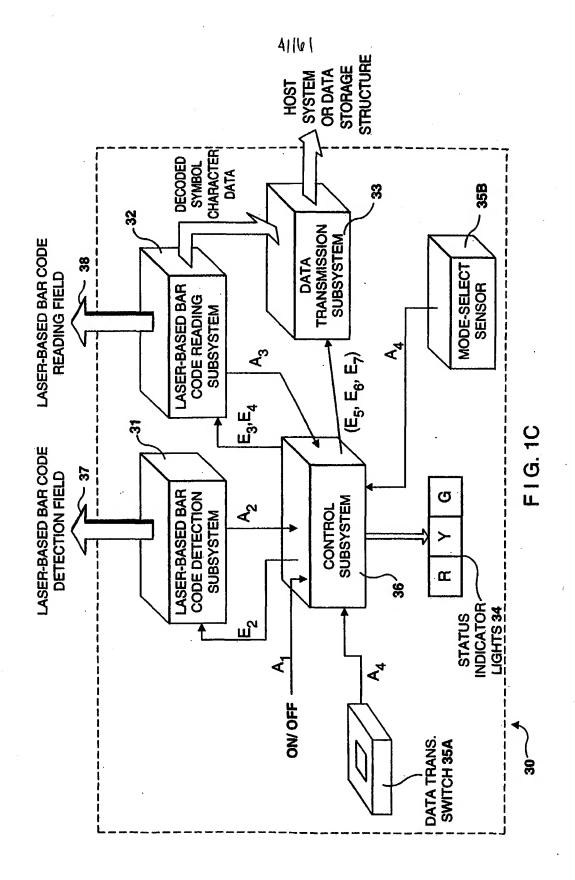
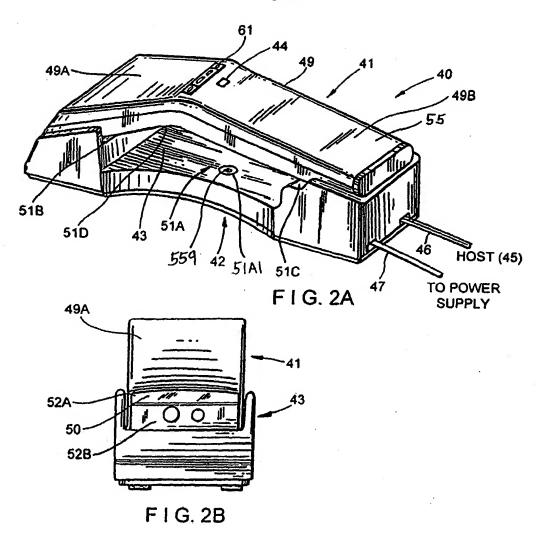


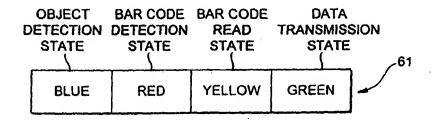
FIG. 1



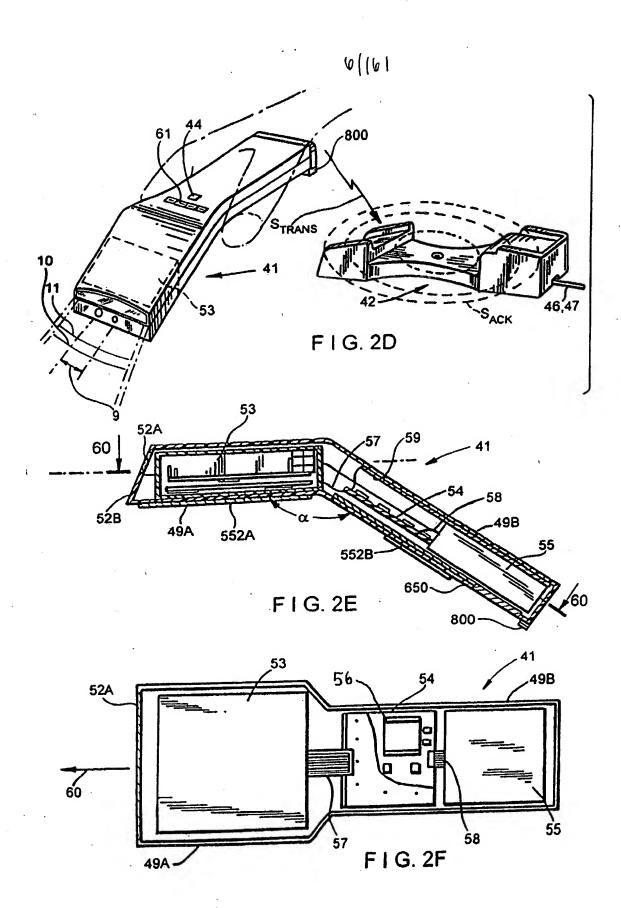


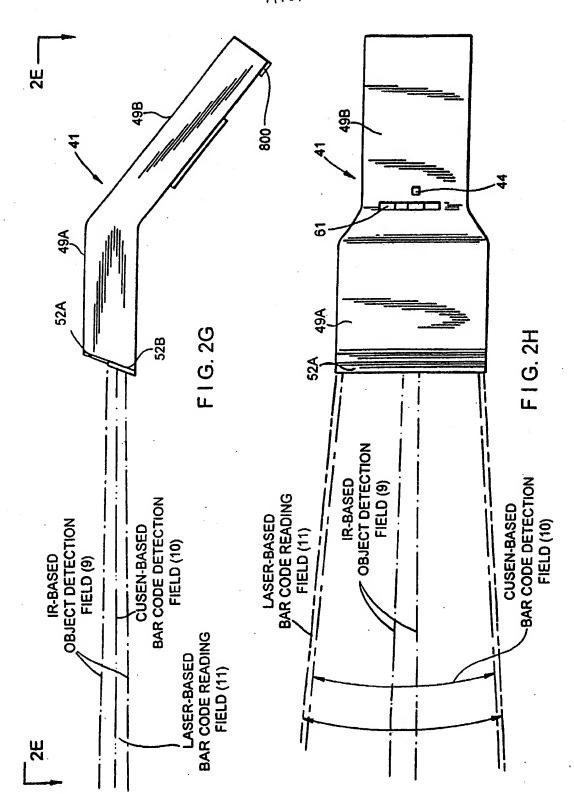


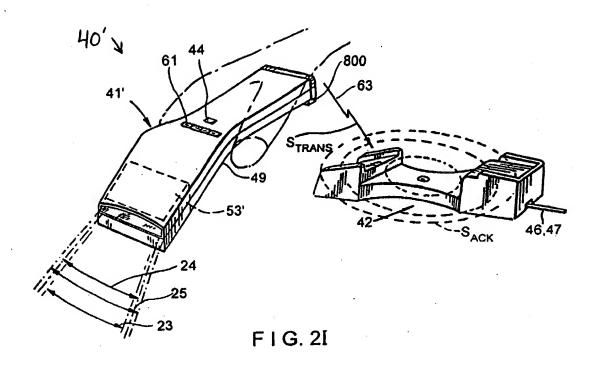


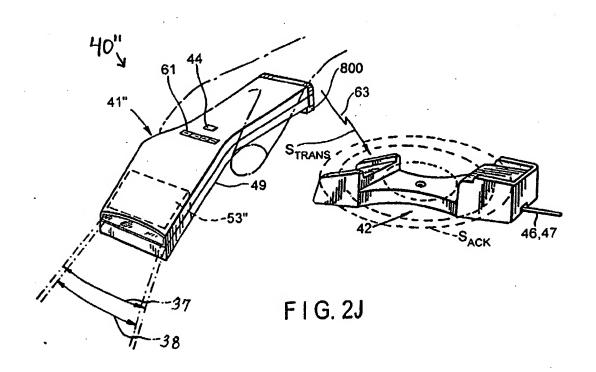


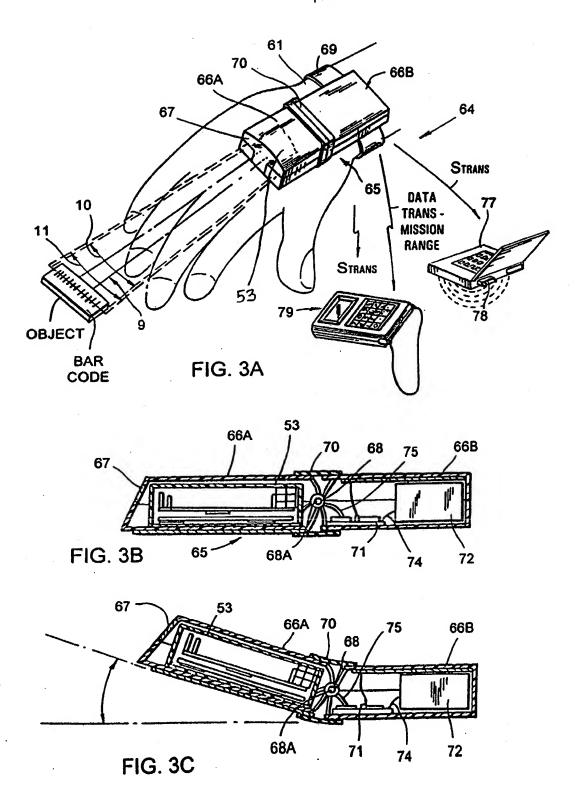
F1G. 2C

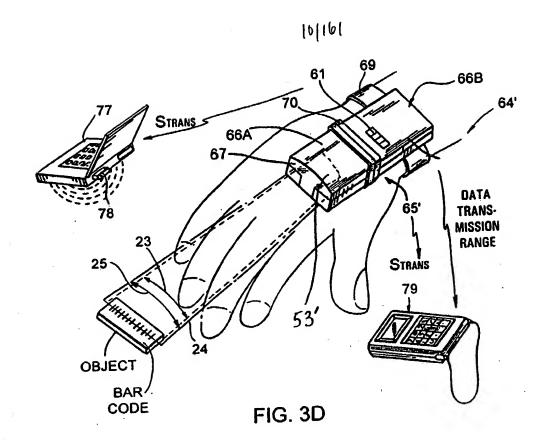


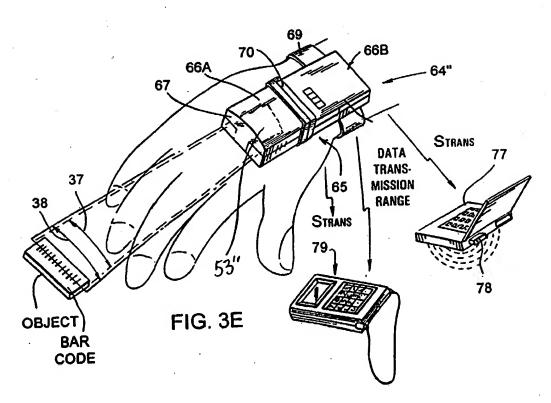


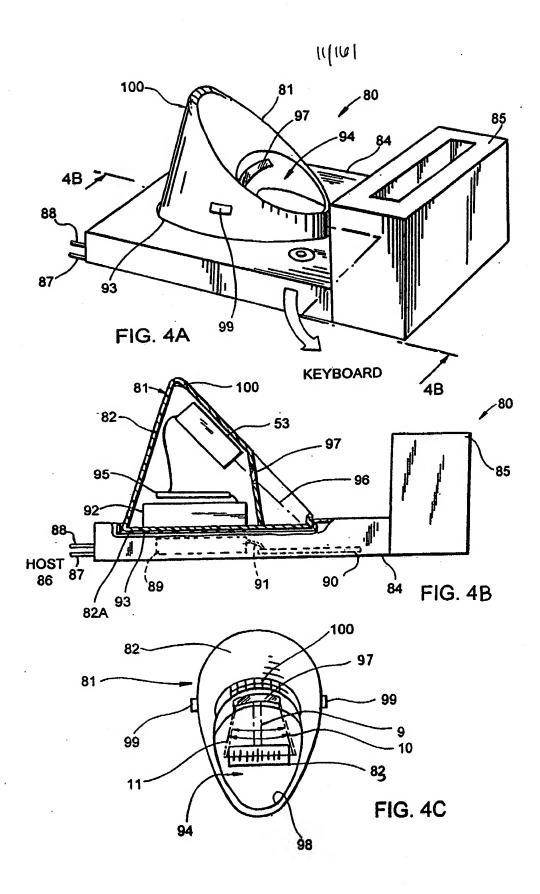


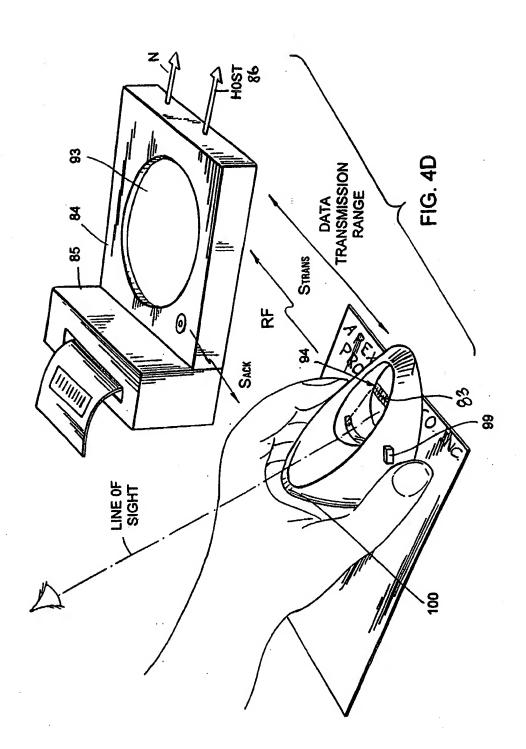


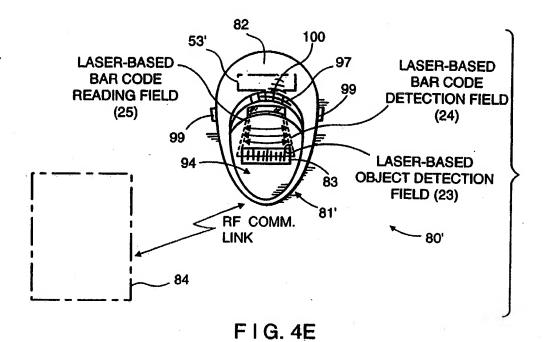












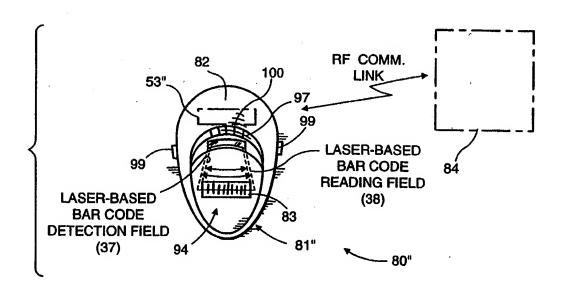
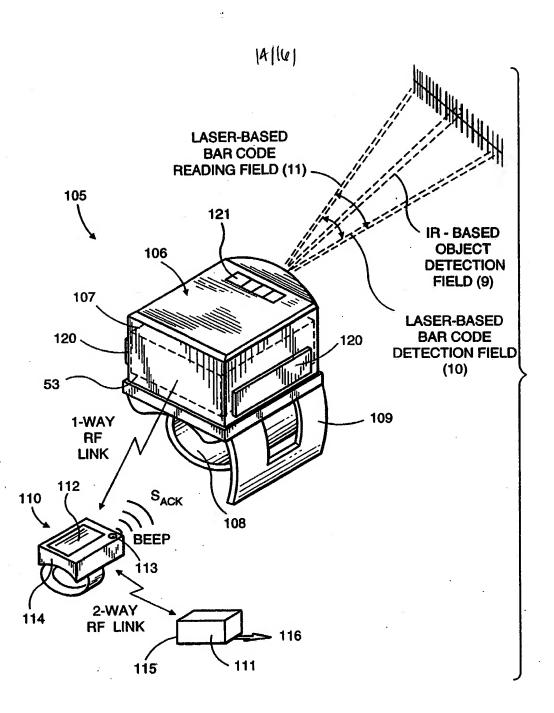
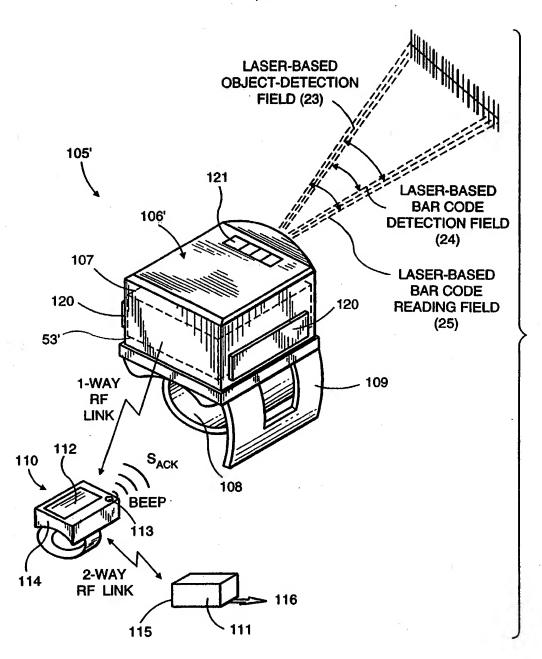


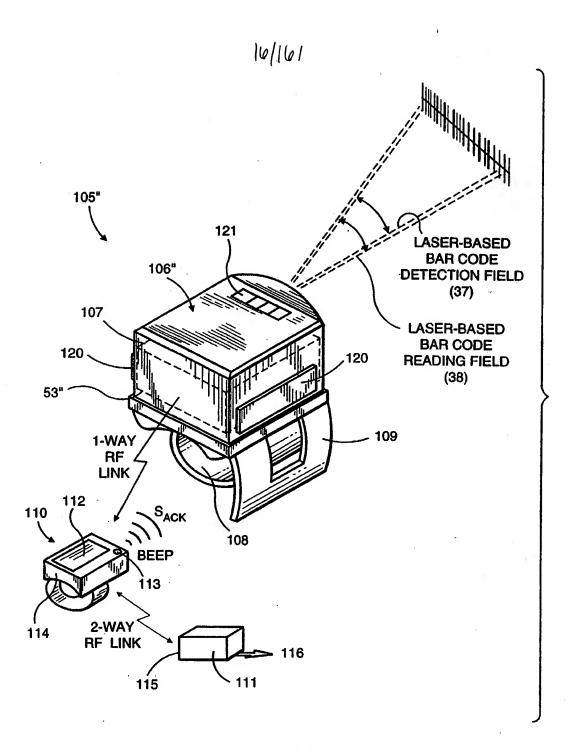
FIG. 4F



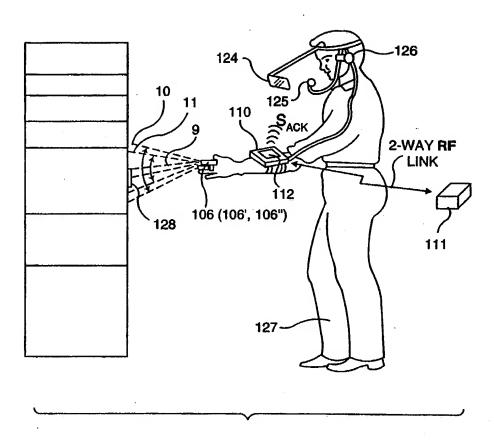
F I G. 5A



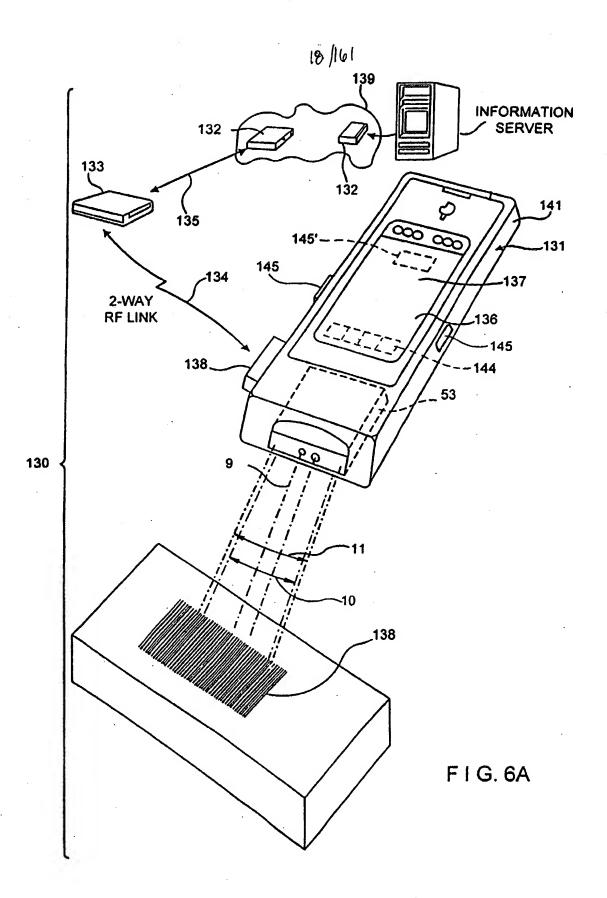
F I G. 5B

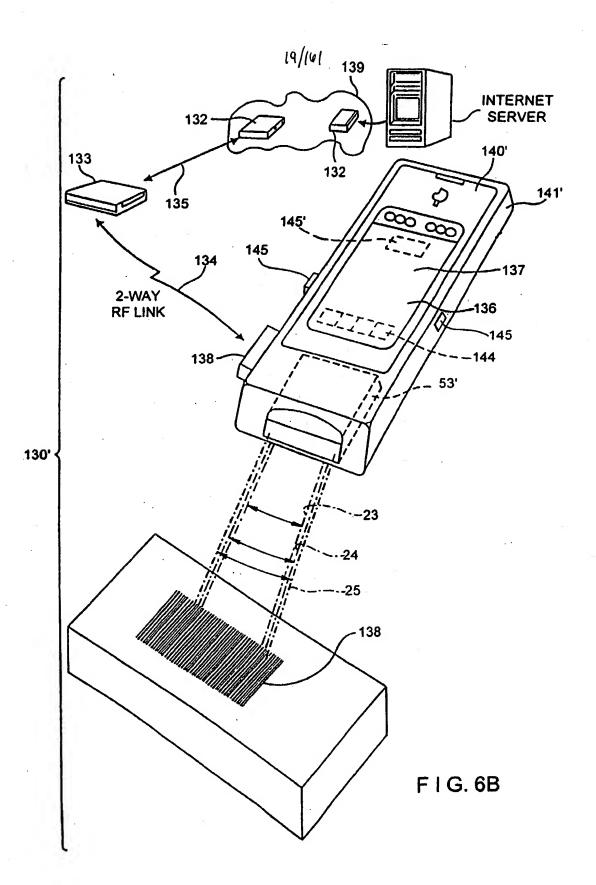


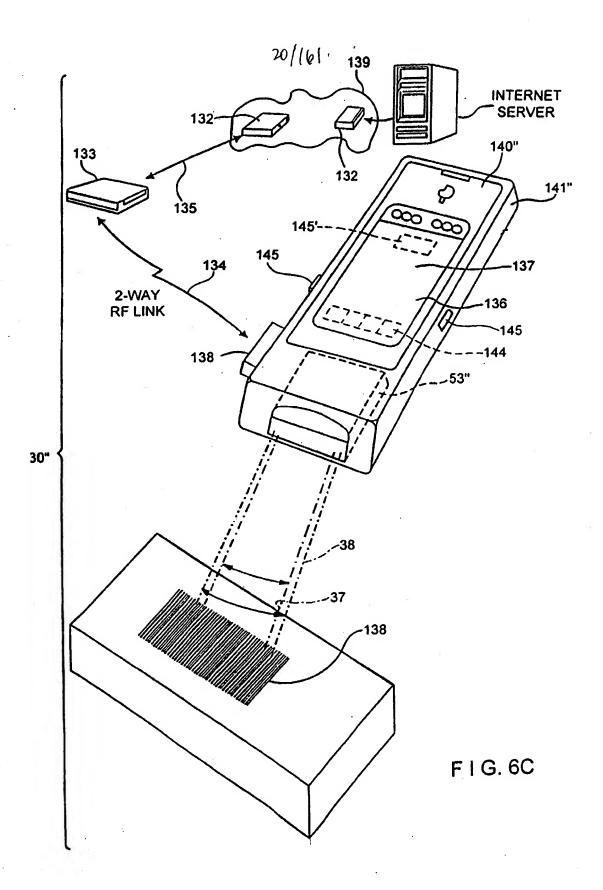
F I G. 5C



F I G. 5D







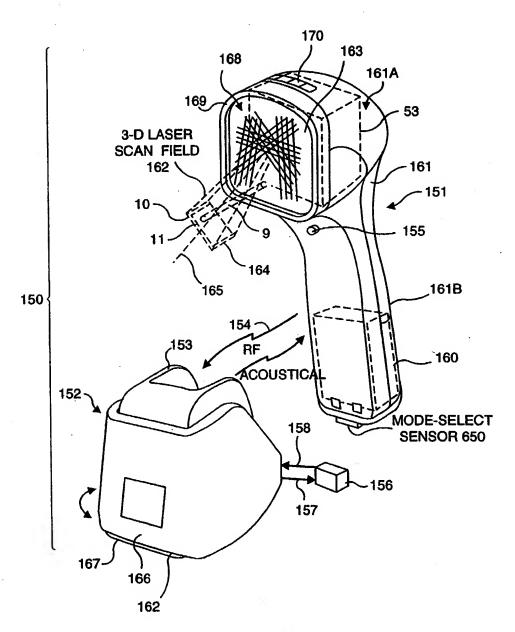
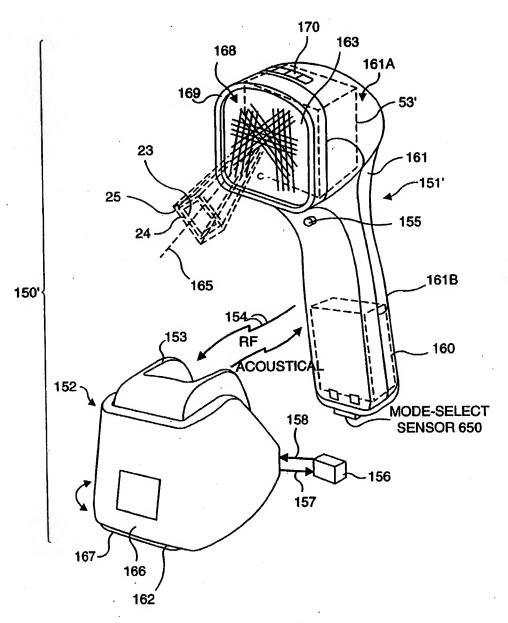


FIG. 7A



F I G. 7B

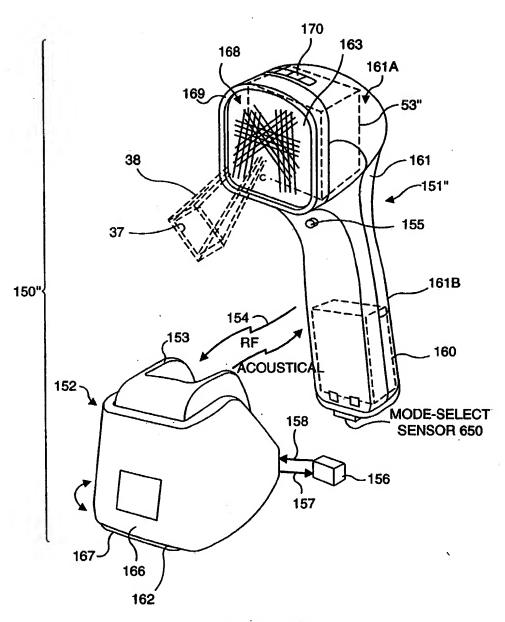
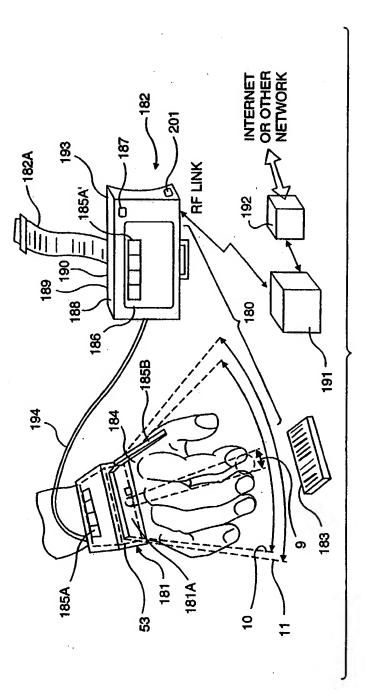
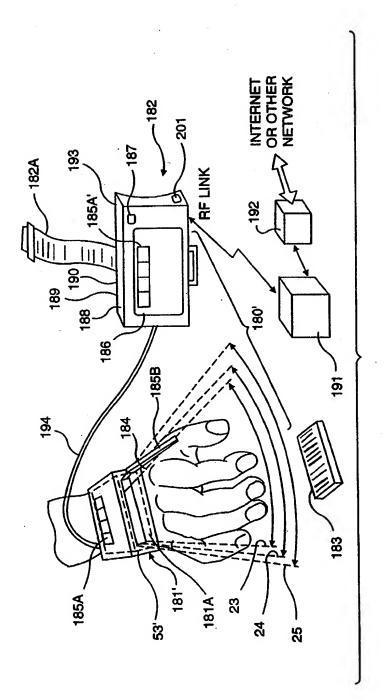


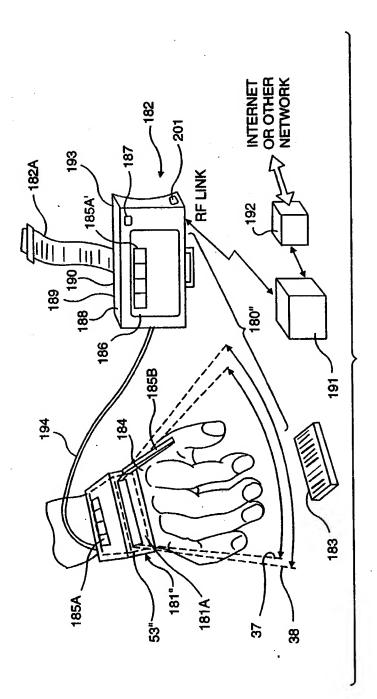
FIG. 7C



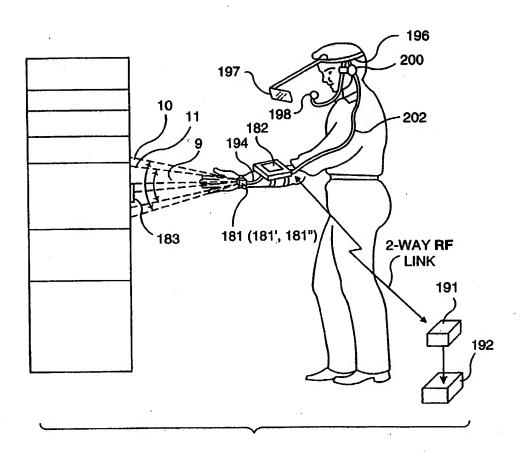
F1G.8A



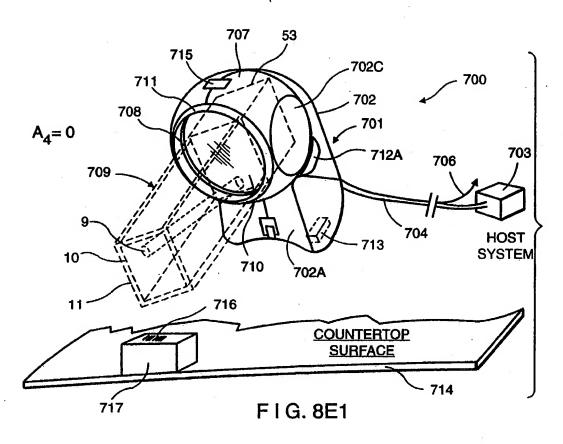
F I G. 8B

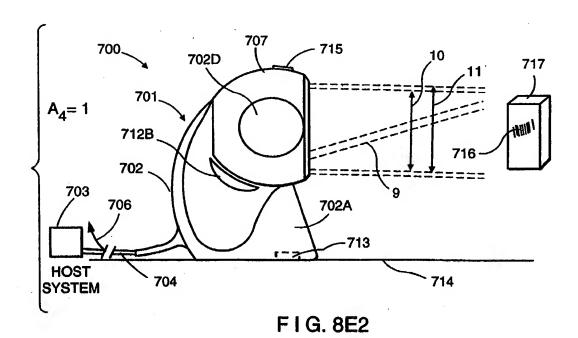


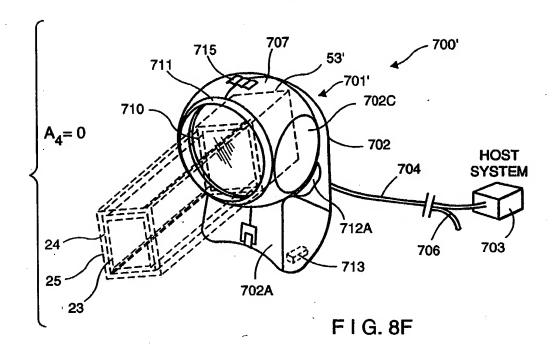
F1G.8C

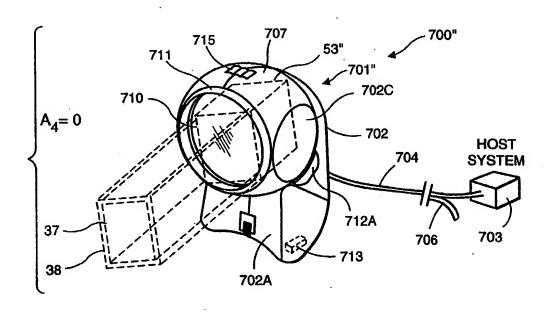


F I G. 8D









F I G. 8G

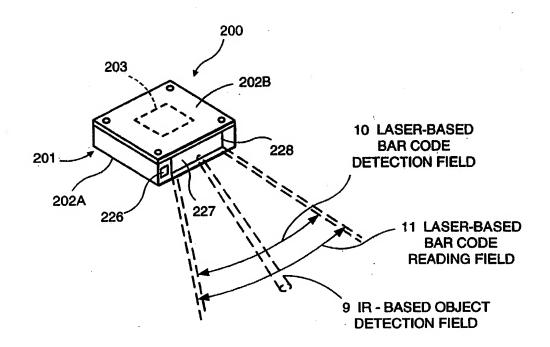
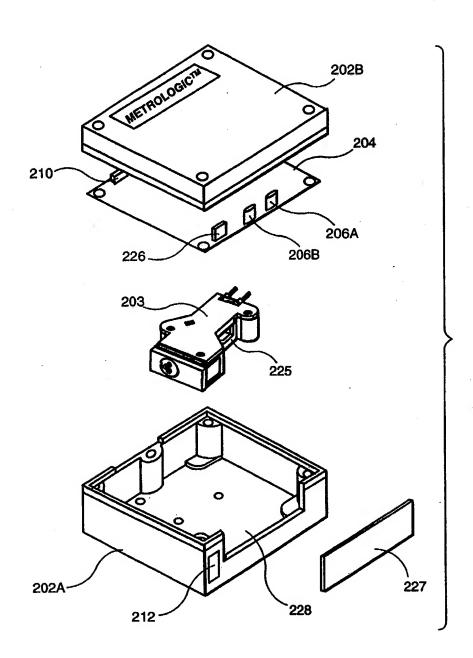
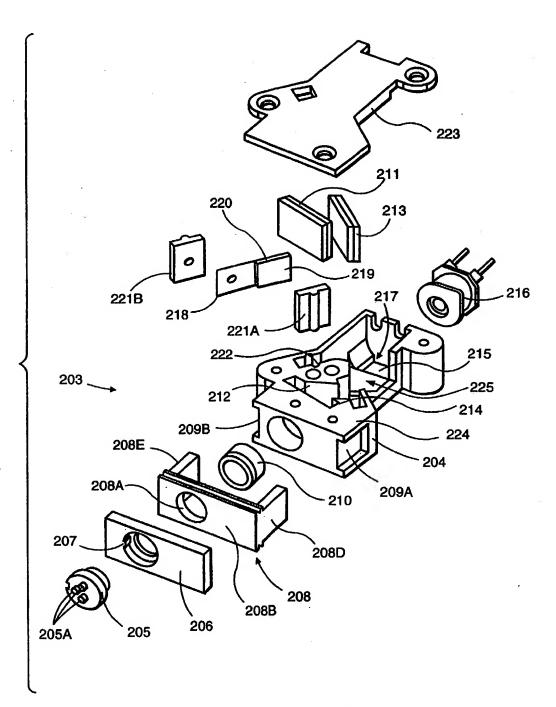


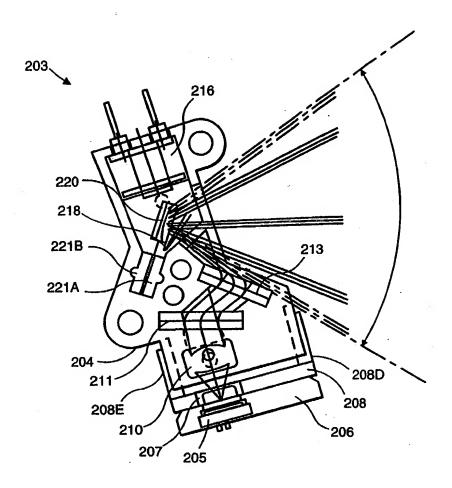
FIG. 9A



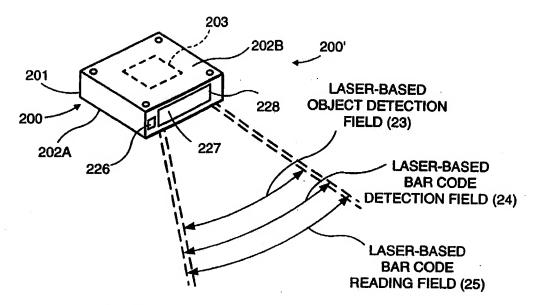
F I G. 9B



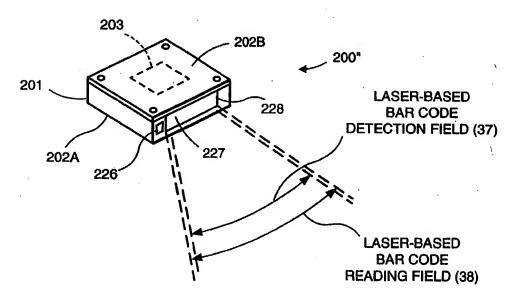
F I G. 9C



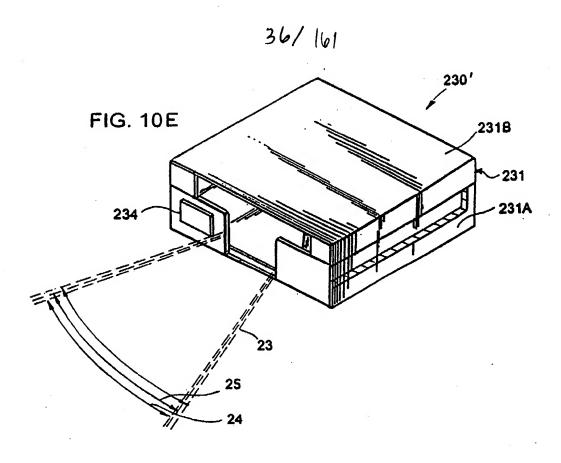
F I G. 9D

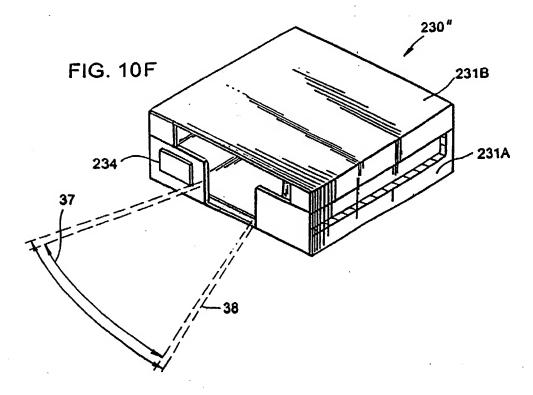


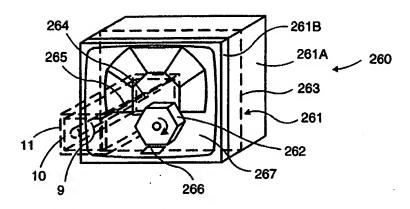
F1G. 9E



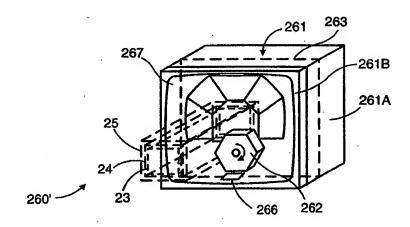
F I G. 9F



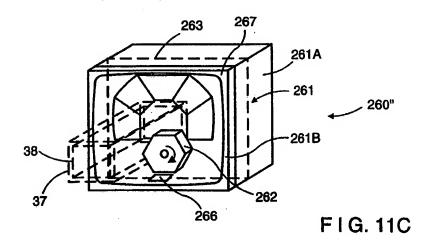


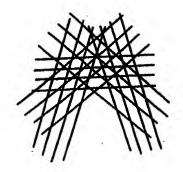


F I G. 11A

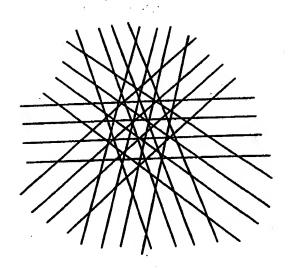


F I G. 11B



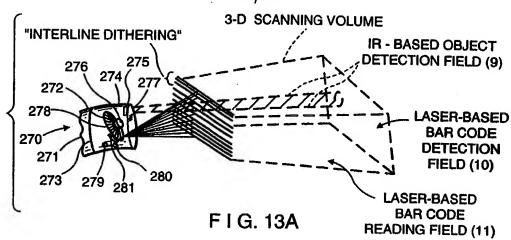


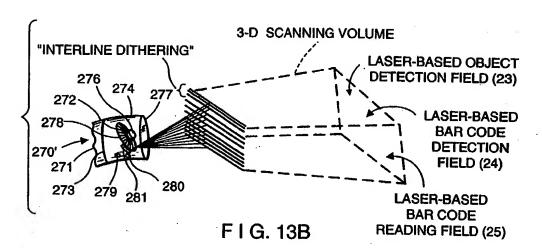
F I G. 12A

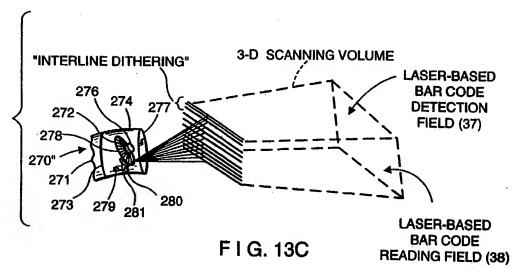


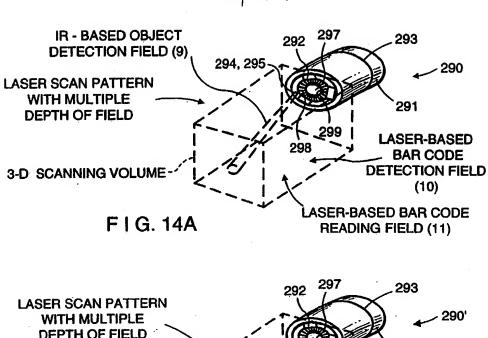
F I G. 12B

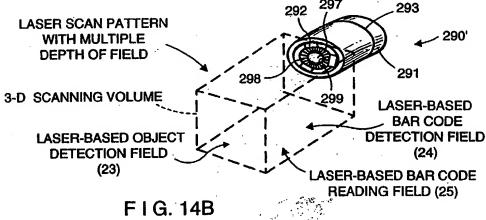


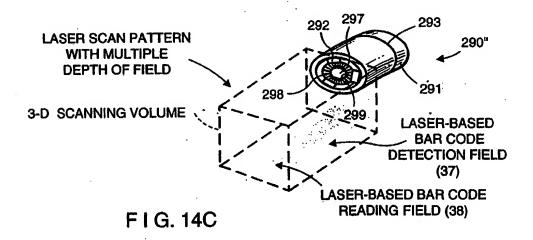


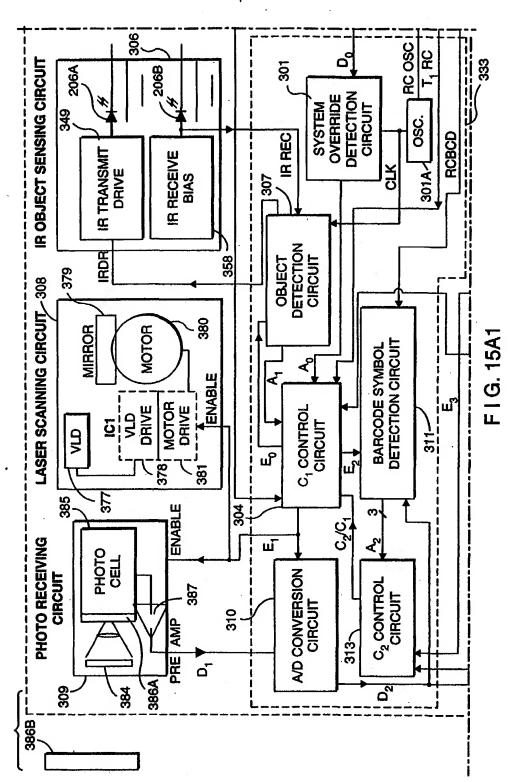


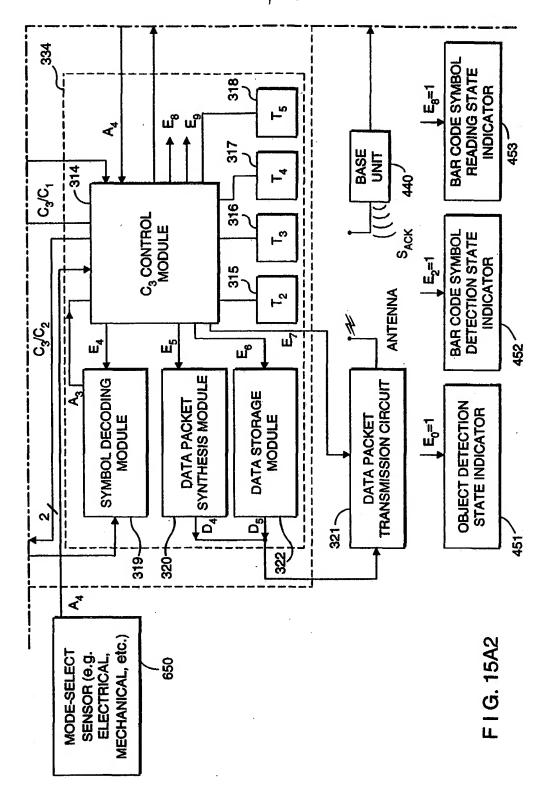












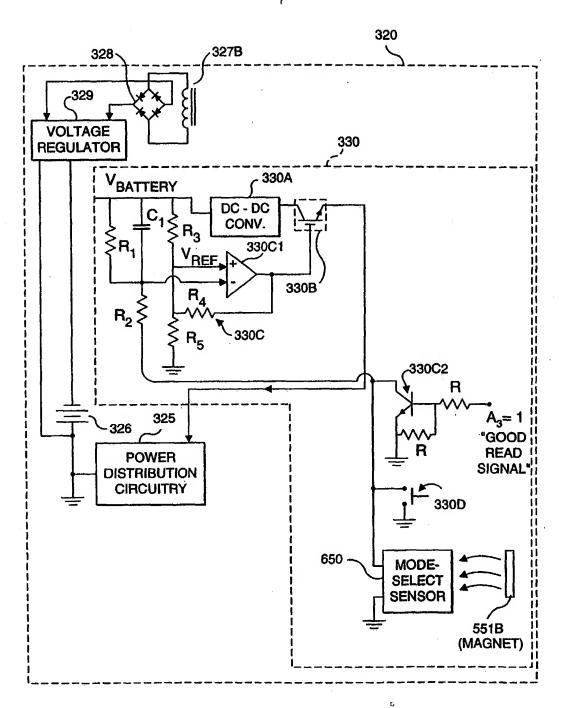
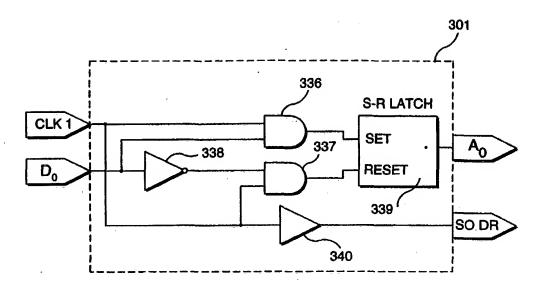
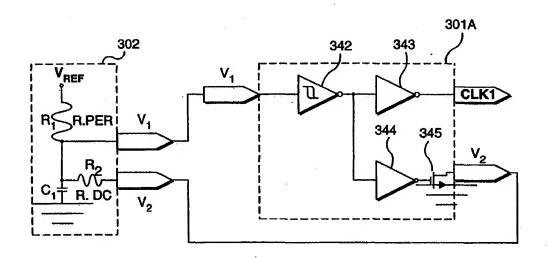


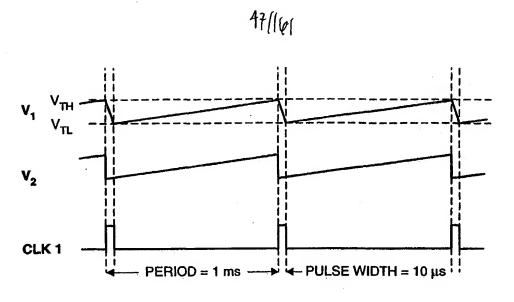
FIG. 15B1



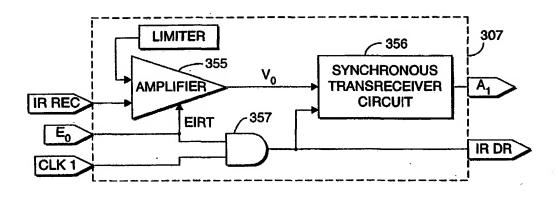
F I G. 15B2



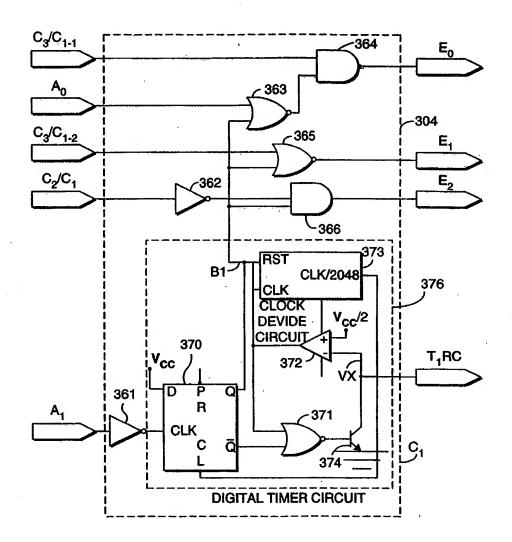
F I G. 15C



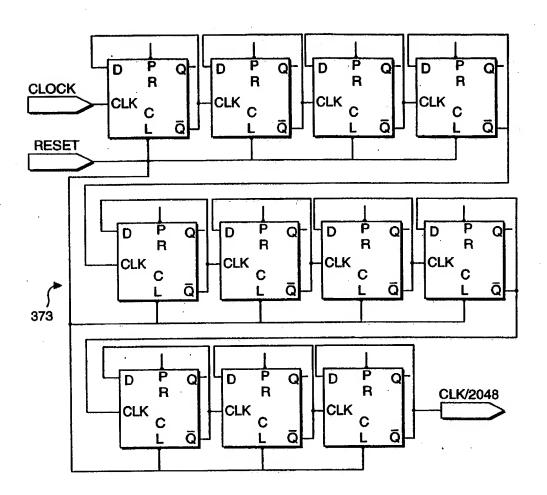
F I G. 15D



F I G. 15E



F I G. 15F

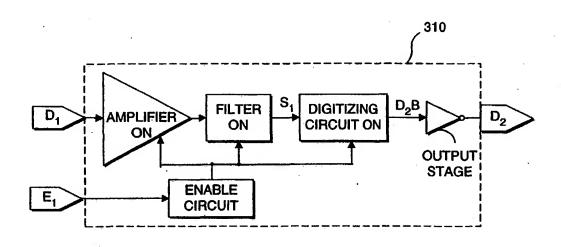


F I G. 15G

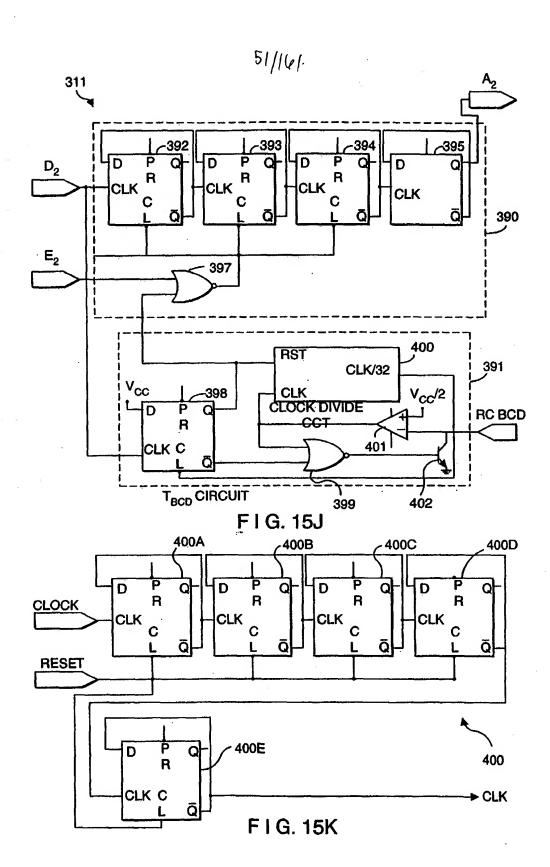
$$E_0 = (B1 + A_0)(C_3/C_{1-1})$$

$$E_1 = (C_3/C_{1-2}) + B1$$

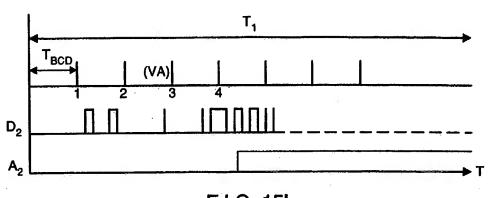
$$E_2 = (C_2/C_1)(T_1)$$
FIG. 15H



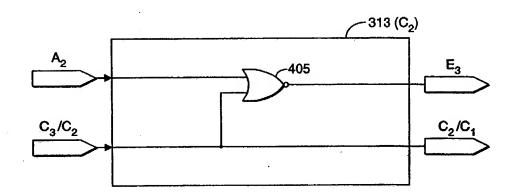
F I G. 151







F I G. 15L



F I G. 15M

C ₃ /C ₂	A ₂	E ₃	C ₂ /C ₁
0	0	0	0
0	1	1	0 =
1	х	1	1

X: DON'T CARE (I.E. C_3 / C_2 OVERRIDES A_2)

F I G. 15N

_ 3	20 _32	1 _322	323	324	-325	326
START OF PACKET FIELD	TRANSMI TTER ID NUMBER FIELD	PACKET GROUP NUMBER FIELD	DATA PACKET NUMBER FIELD	SYMBOL CHARAC TER DATA FIELD	ERROR CODE CORREC TION FIELD	END OF PACKET FIELD

FIG. 150

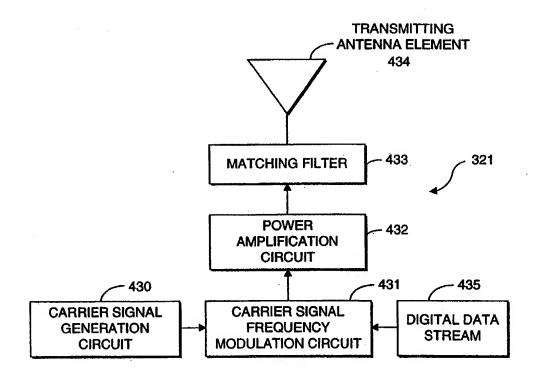
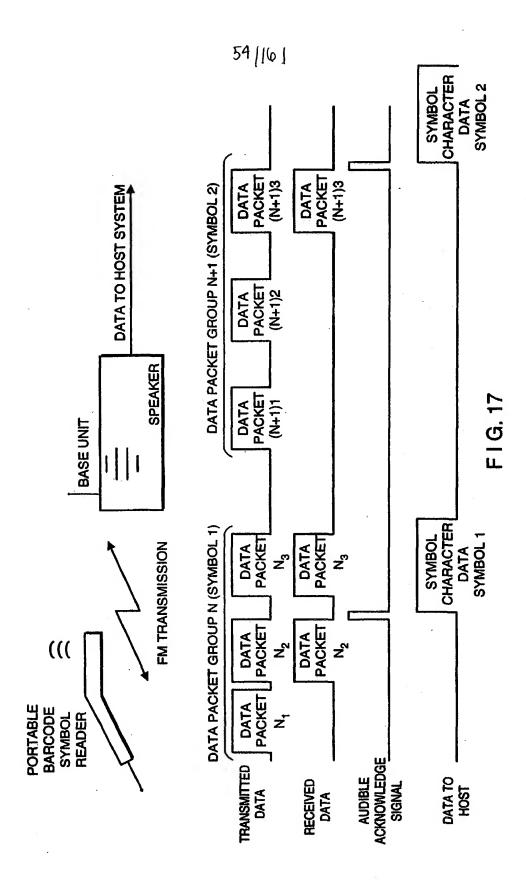
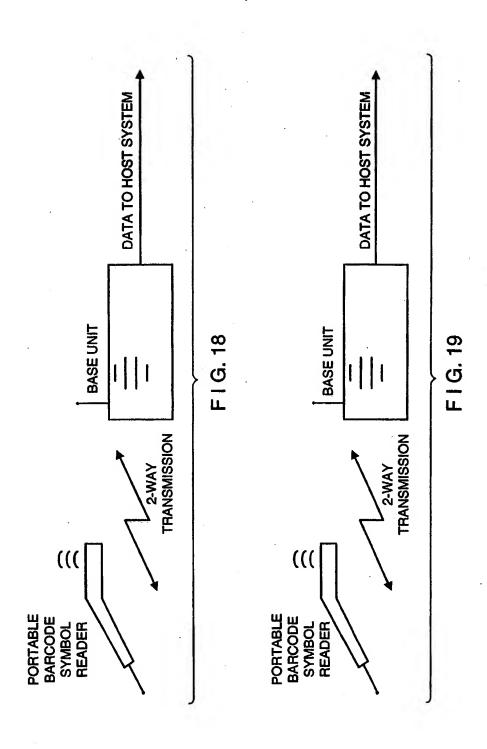
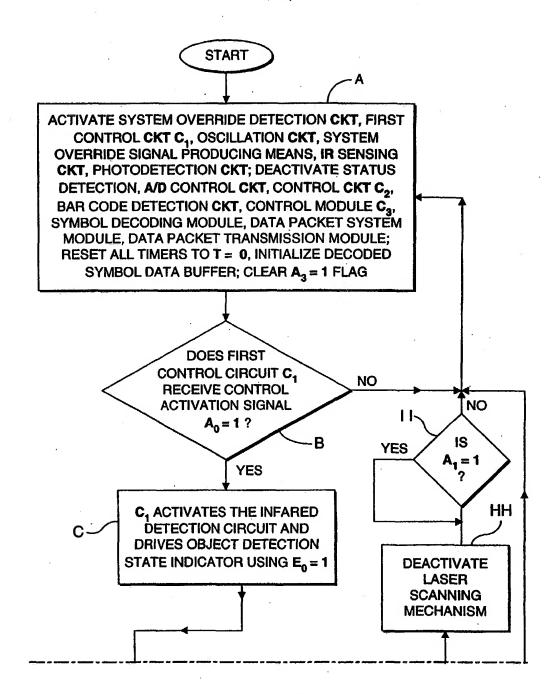


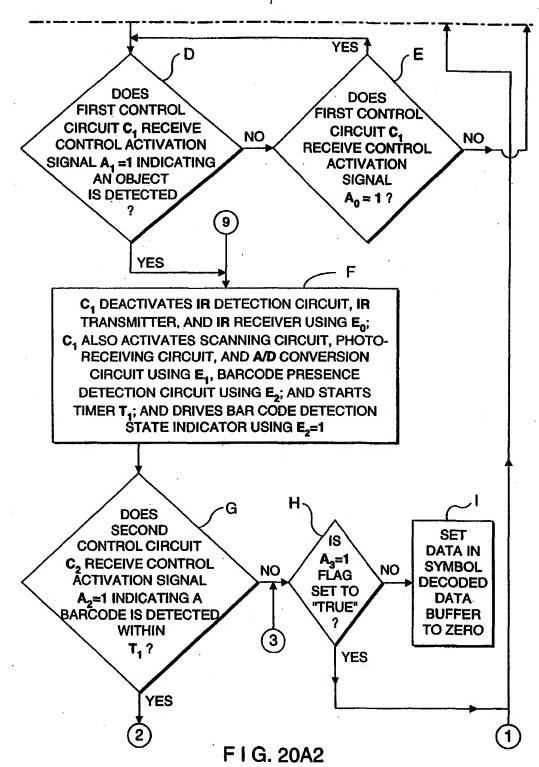
FIG. 16

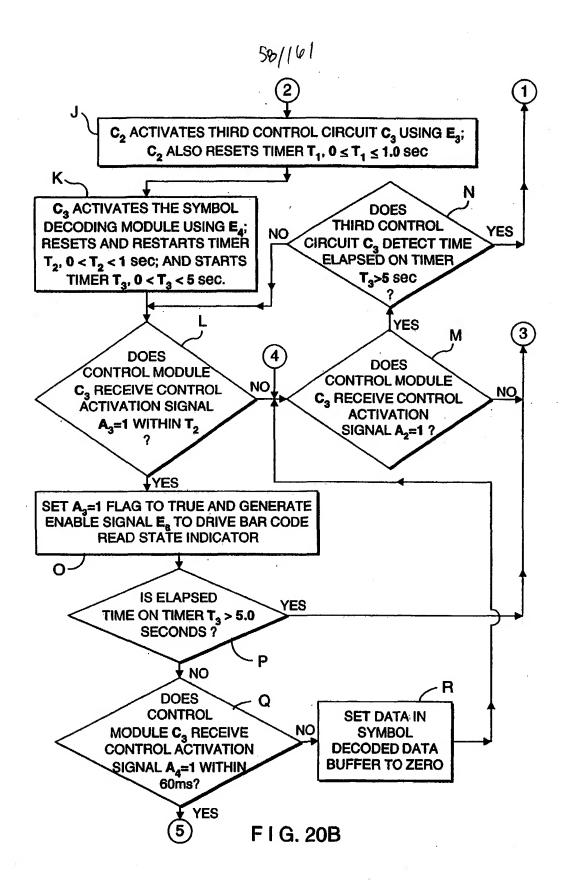


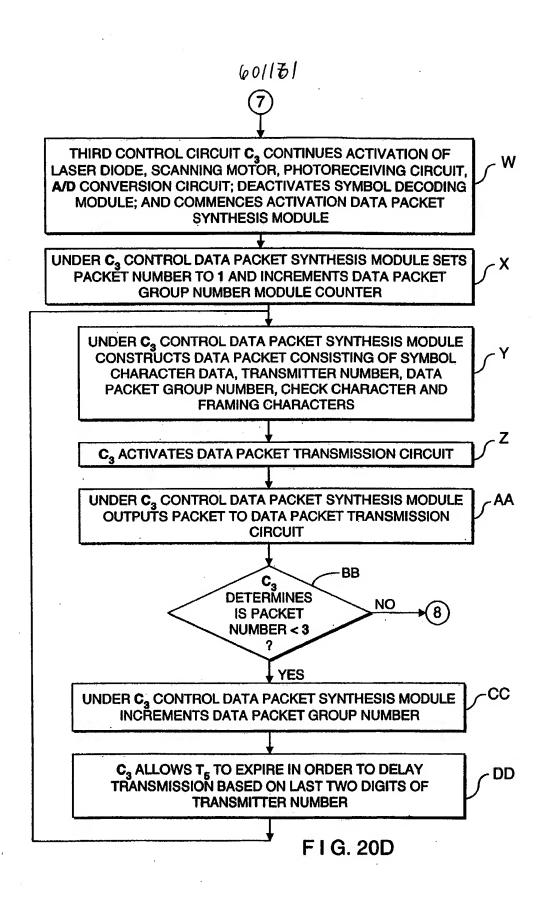




F I G. 20A1







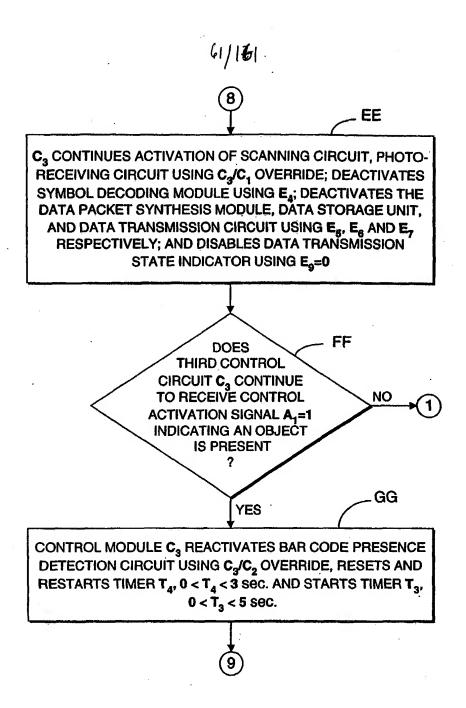


FIG. 20E

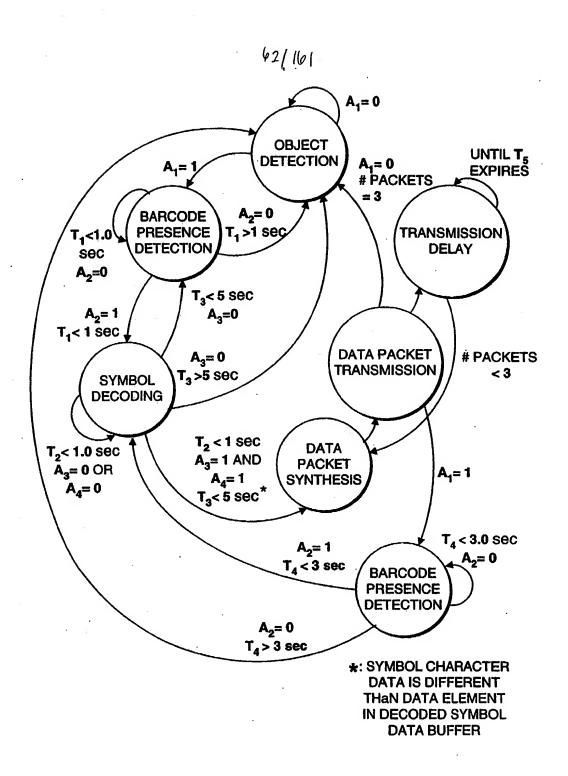
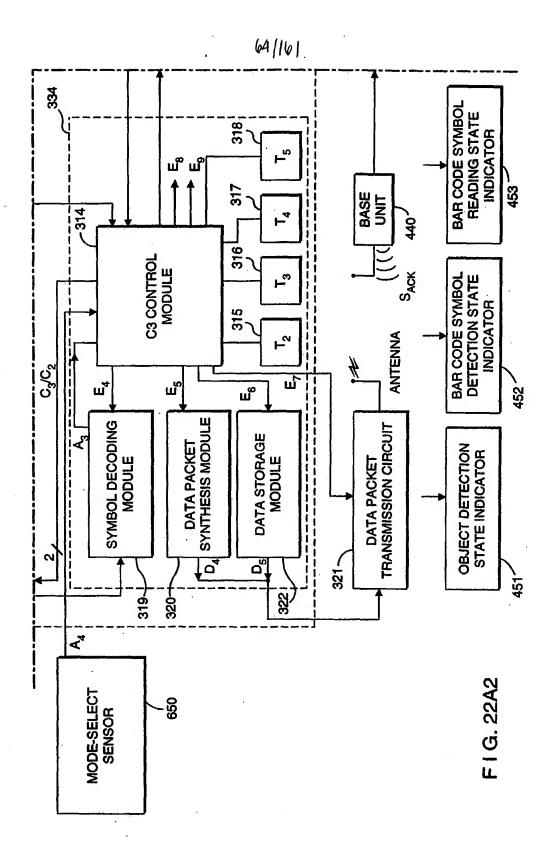
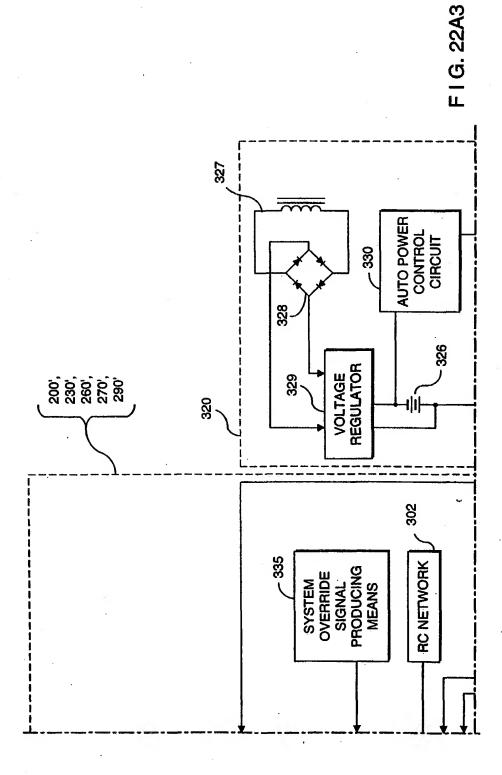
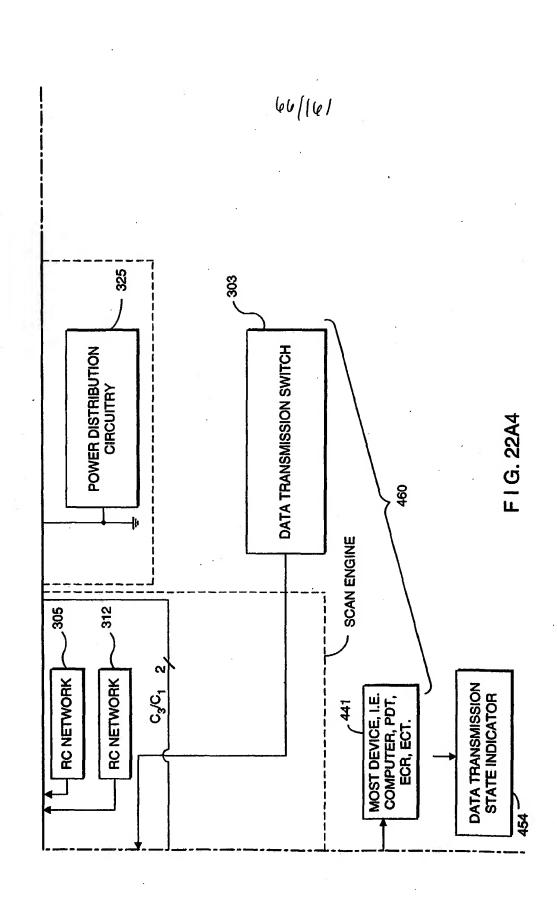
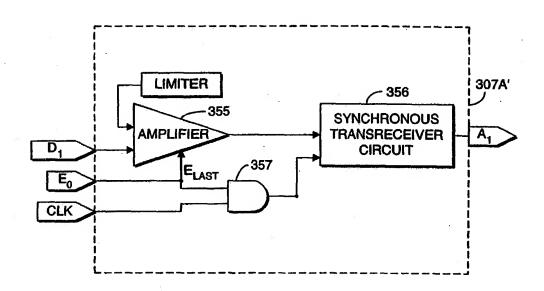


FIG. 21

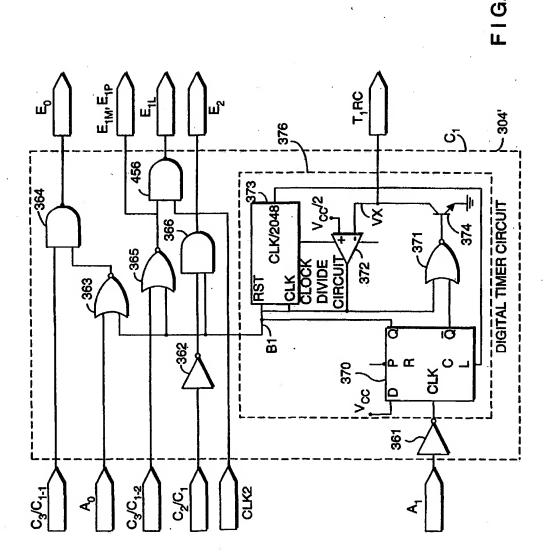


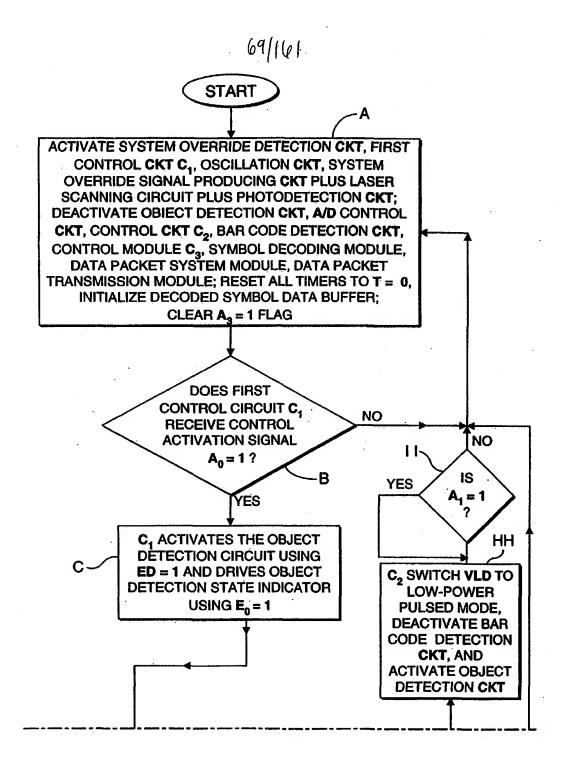




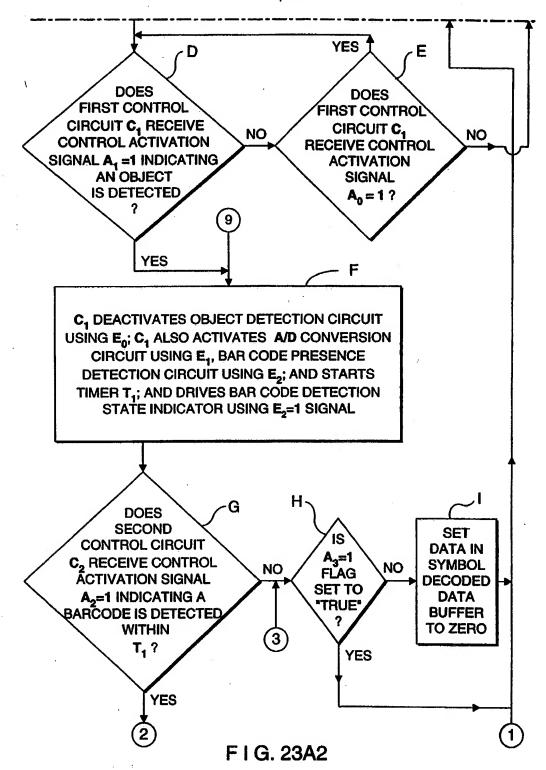


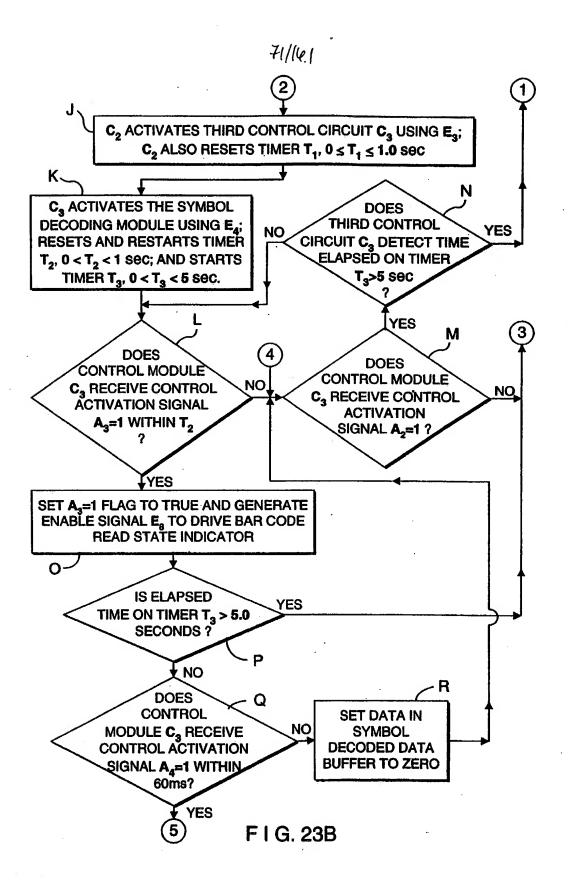
F I G. 22B

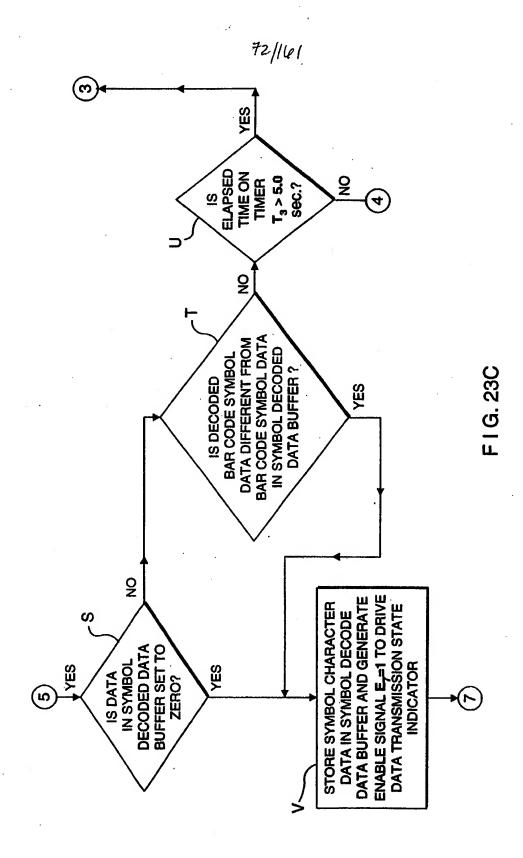


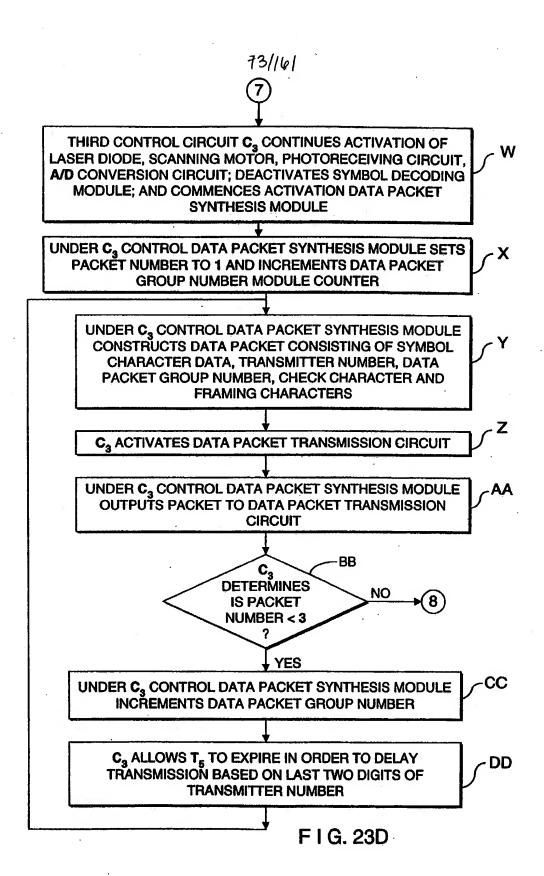


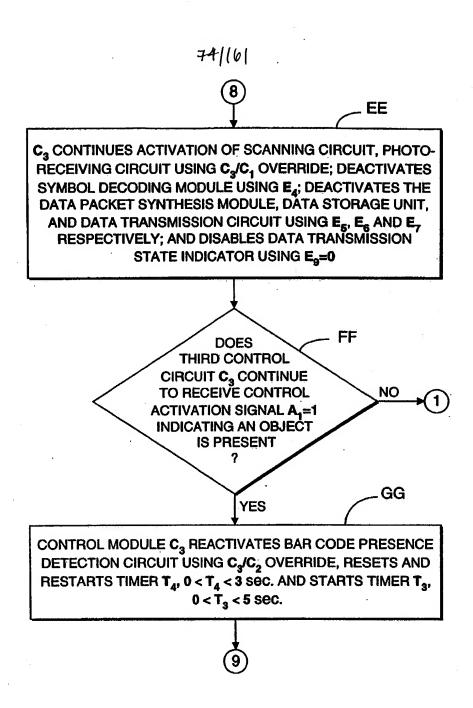
F I G. 23A1











F I G. 23E

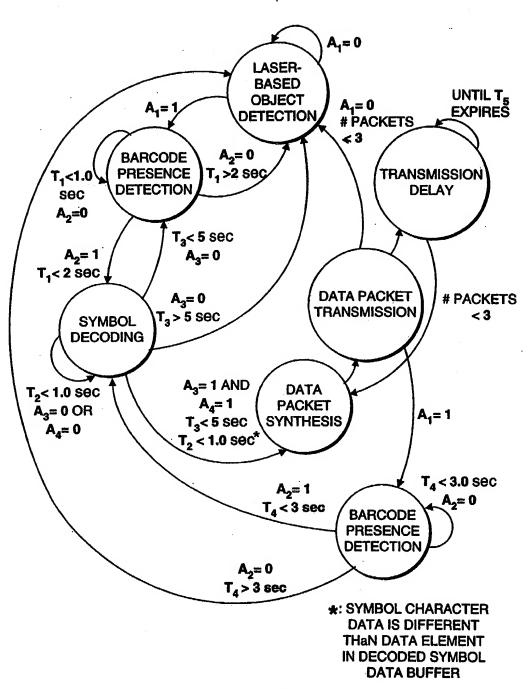
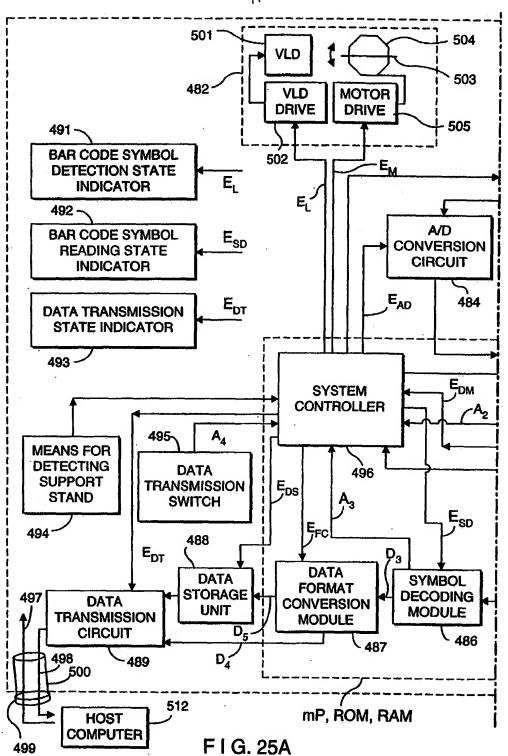
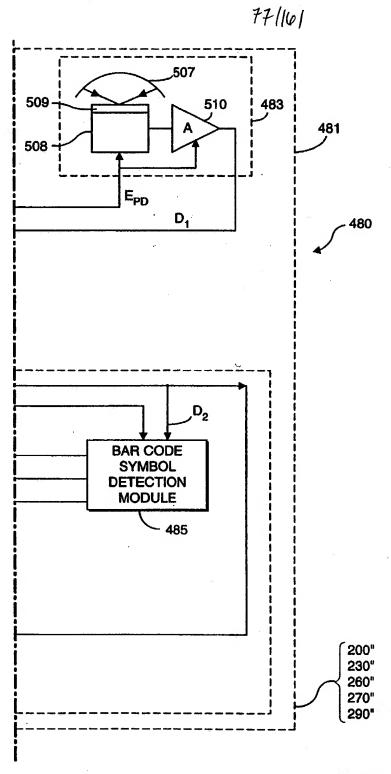


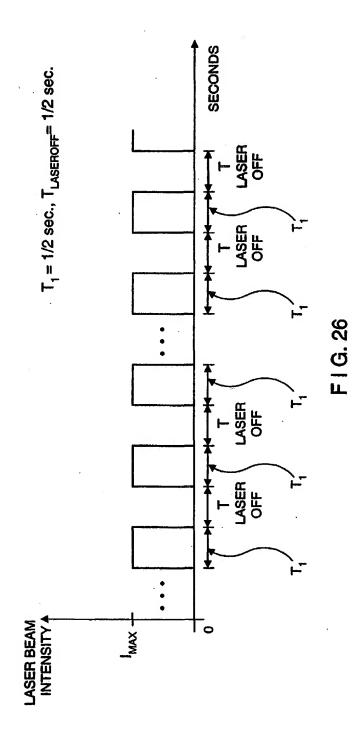
FIG. 24

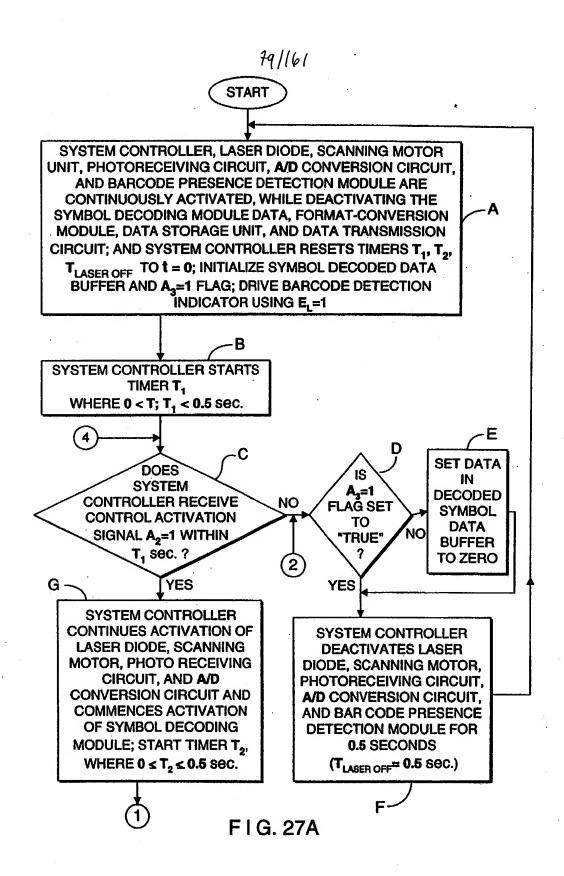
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F I G. 25B





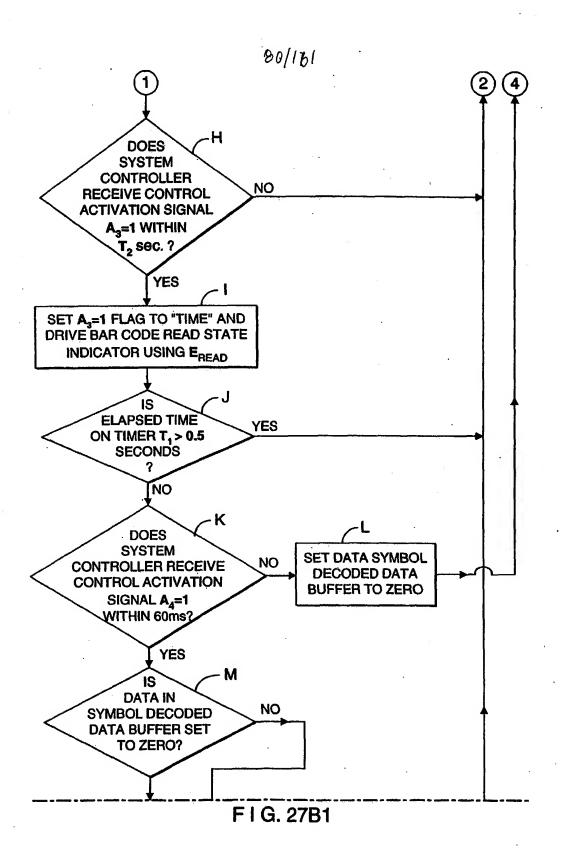


FIG. 27B2

SYSTEM CONTROLLER CONTINUES ACTIVATION OF LASER DIODE, SCANNING MOTOR, PHOTORECEIVING CIRCUIT, A/D CONVERSION CIRCUIT; DEACTIVATES SYMBOL , Q DECODING MODULE; AND COMMENCES ACTIVATION OF DATA FORMAT CONVERSION MODULE AND DATA TRANSMISSION MODULE (AND/OR DATA STORAGE MODULE); DRIVE DATA TRANSMISSION STATE INDICATOR WITH Epr=1 TRANSMIT SYMBOL CHARACTER DATA TO HOST DEVICE (E.G. COMPUTER, CASH REGISTER, ETC.) OR OTHER STORAGE (PROCESSING DEVICE); DRIVE DATA R TRANSMISSION STATE INDICATOR USING Ent=1, AND DISABLE BAR CODE READ INDICATOR USING E_{SD}=0 SYSTEM CONTROLLER DEACTIVATES DATA FORMAT CONVERSION MODULE, DATA TRANSMISSION MODULE (AND DATA STORAGE MODULE)

FIG. 27C

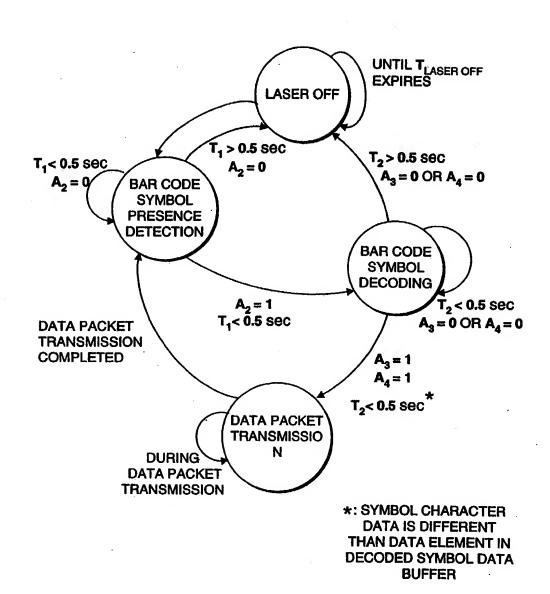
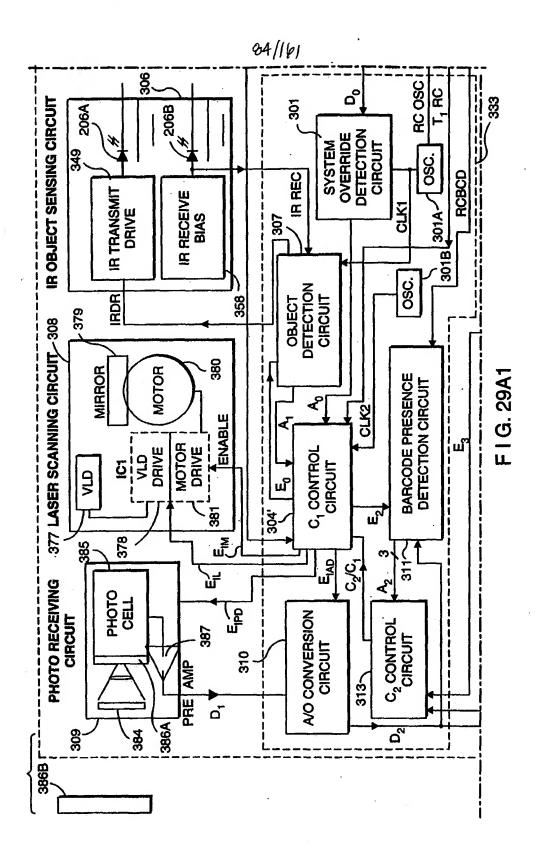
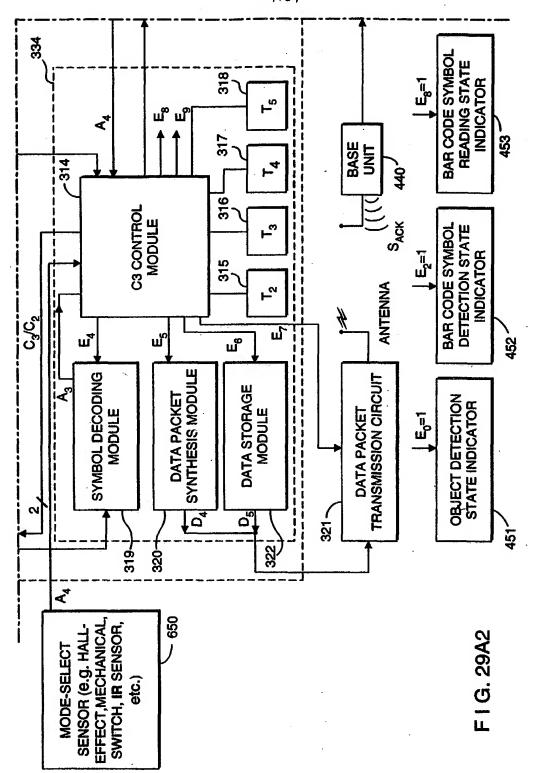
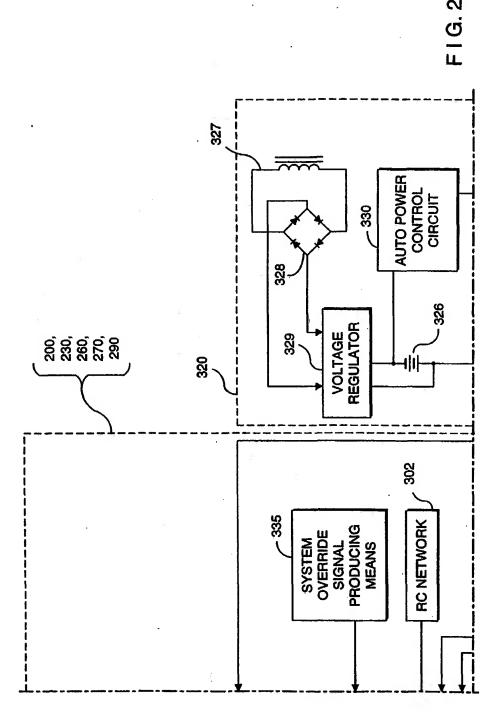


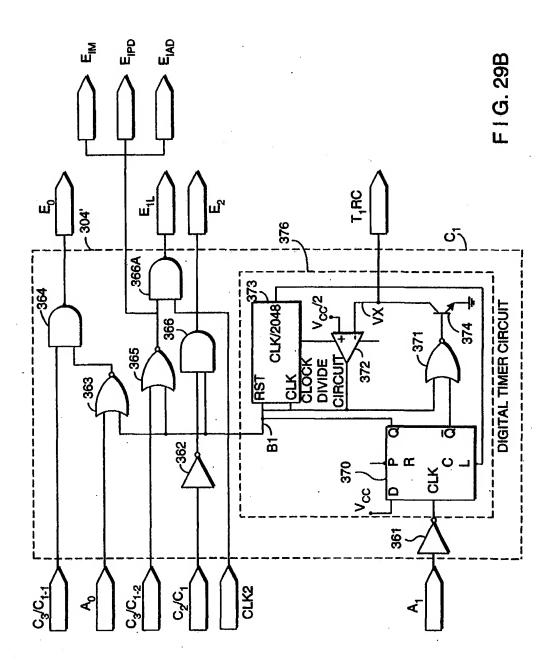
FIG. 28

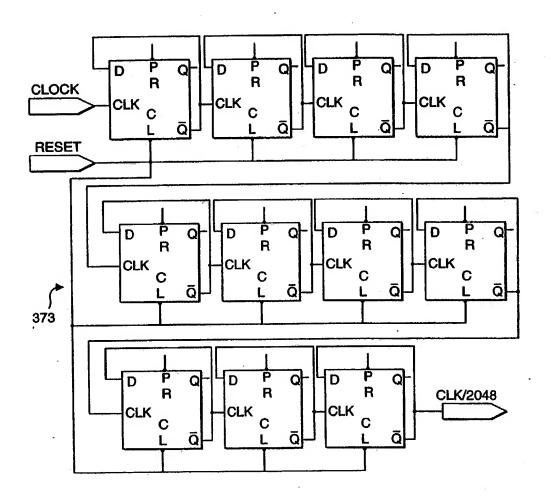






j.



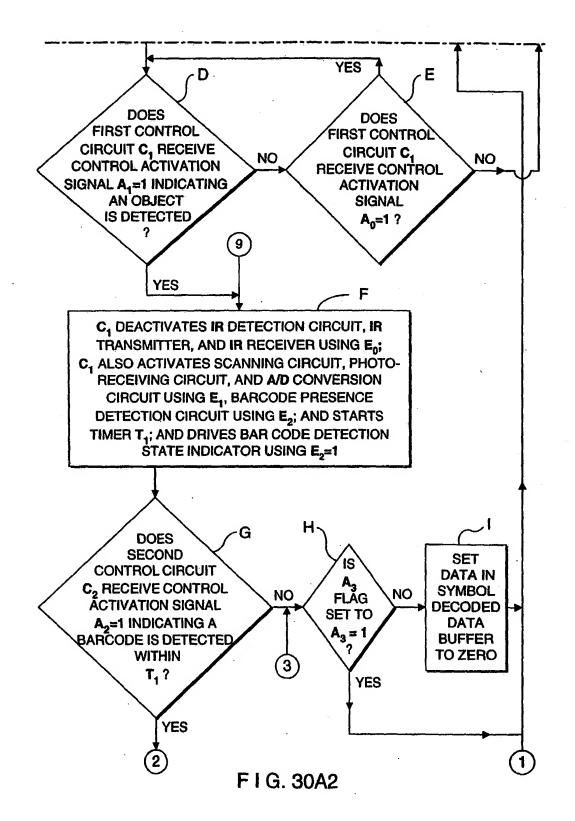


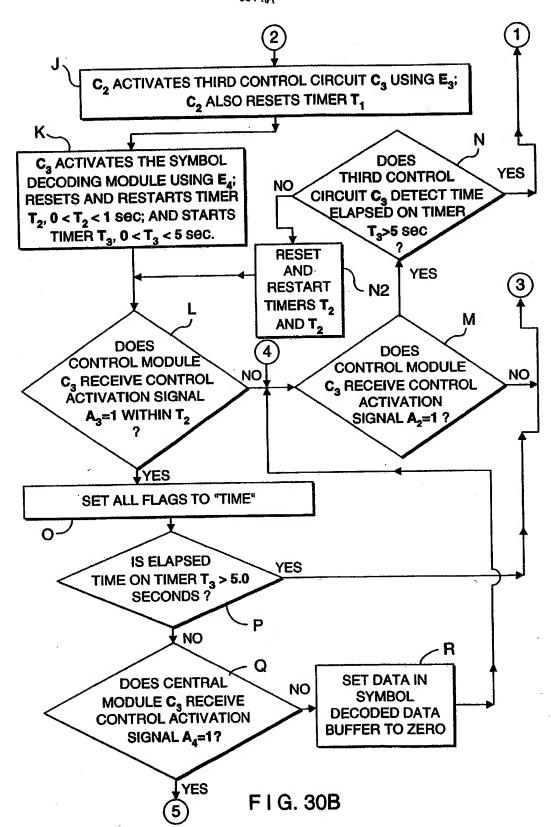
F I G. 29C

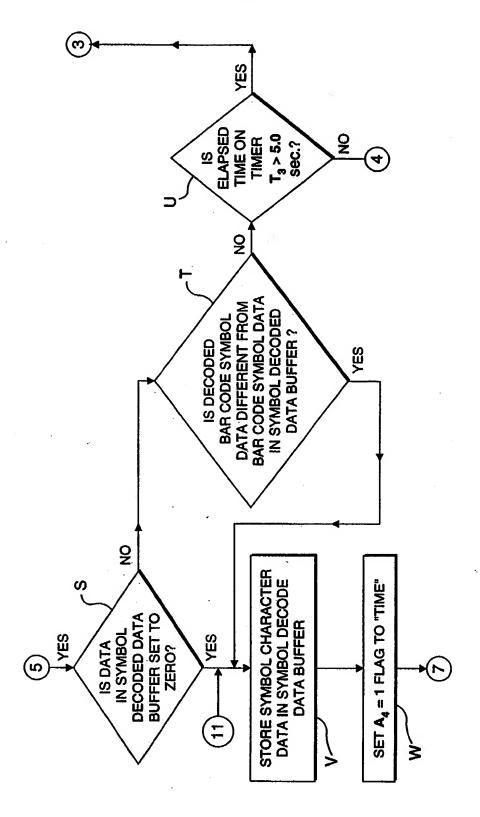
$$\begin{cases}
E_{0} = \overline{(B1 + A_{0})(C_{3}/C_{1-1})} \\
E_{IM} = E_{IPD} = E_{IAD} = \overline{(C_{3}/C_{1-2}) + B1} \\
E_{L} = \overline{(C_{3}/C_{1-1}) + B1} [B2] \\
E_{2} = \overline{(C_{2}/C_{1})(B1)}
\end{cases}$$

FIG. 29D

FIG. 30A1







F I G. 30C

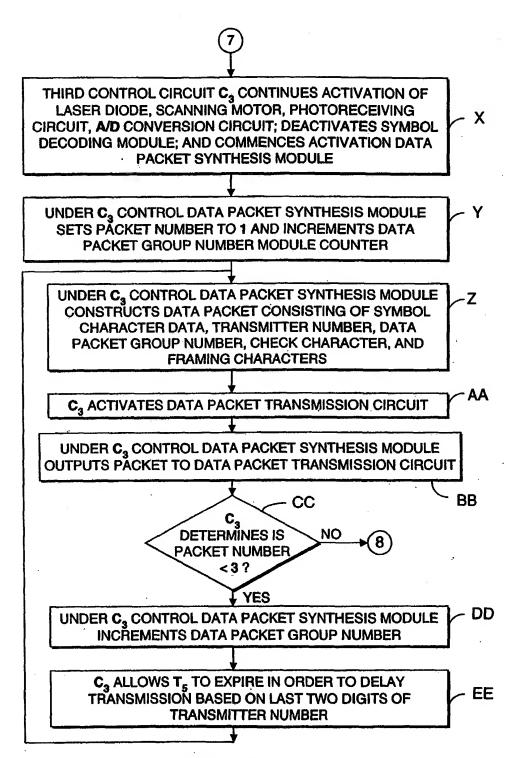


FIG. 30D

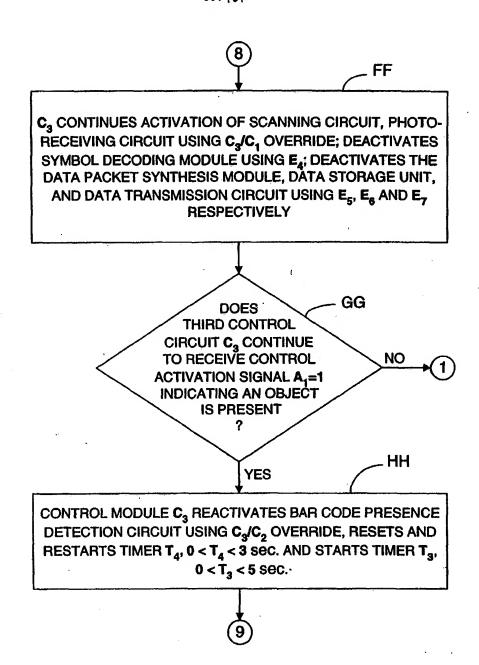
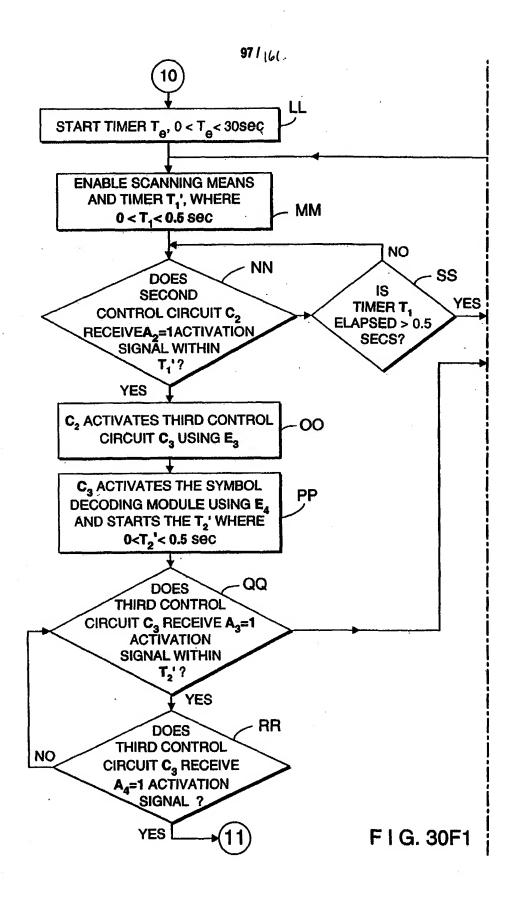
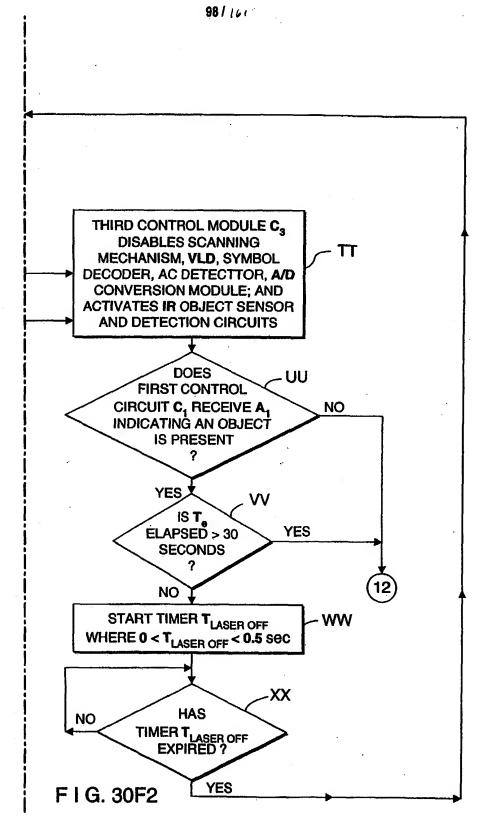


FIG. 30E





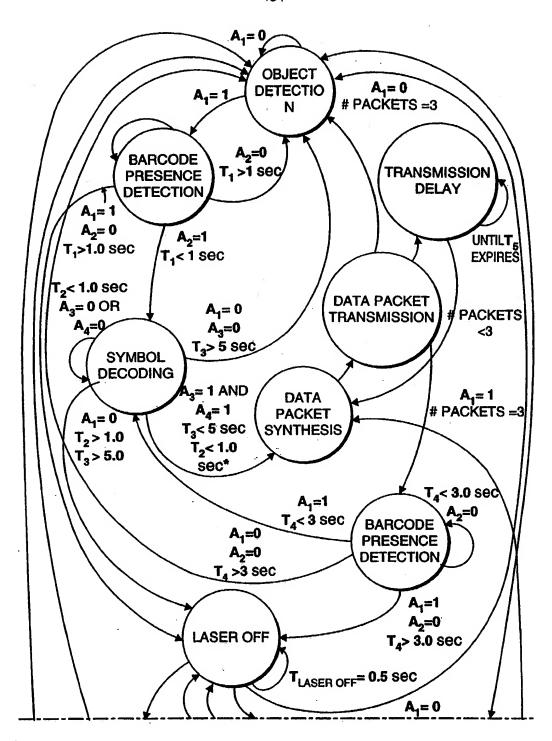


FIG. 31A

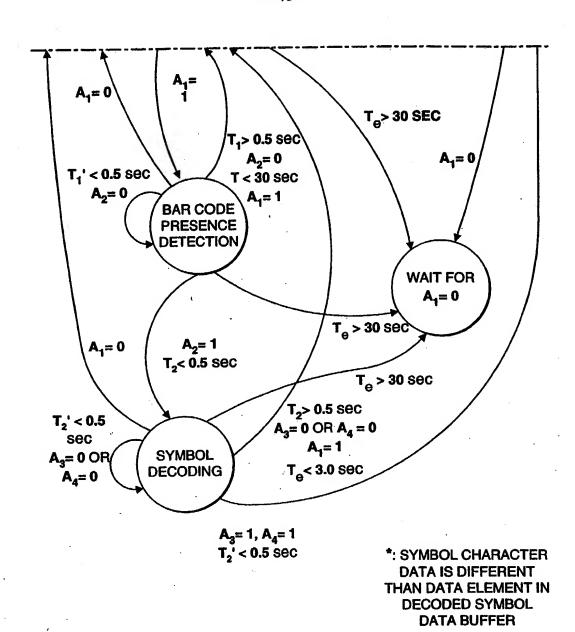


FIG. 31B

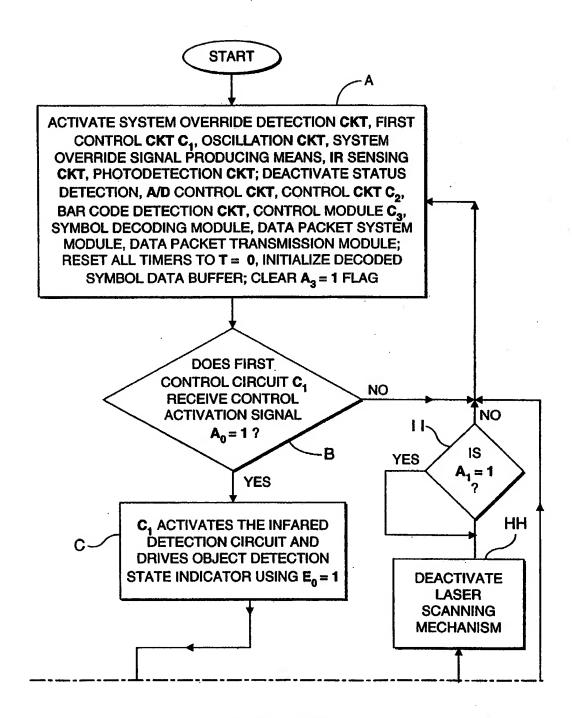
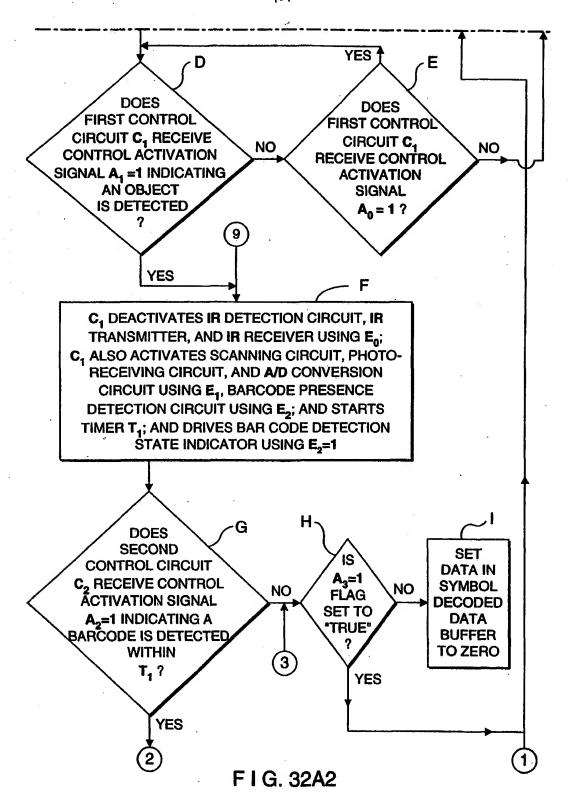
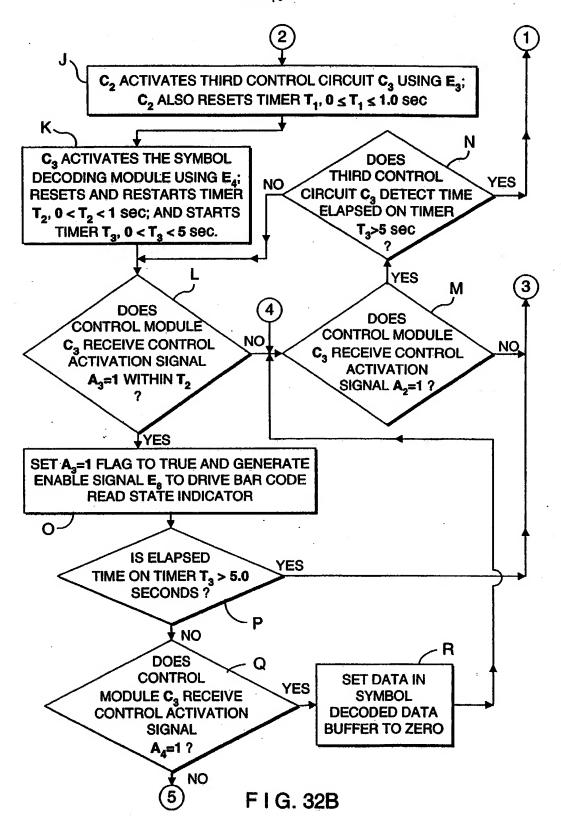
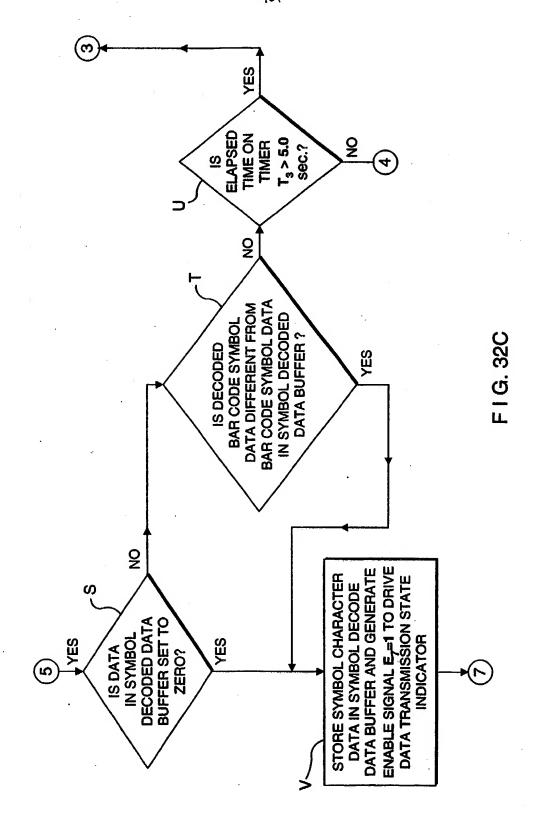
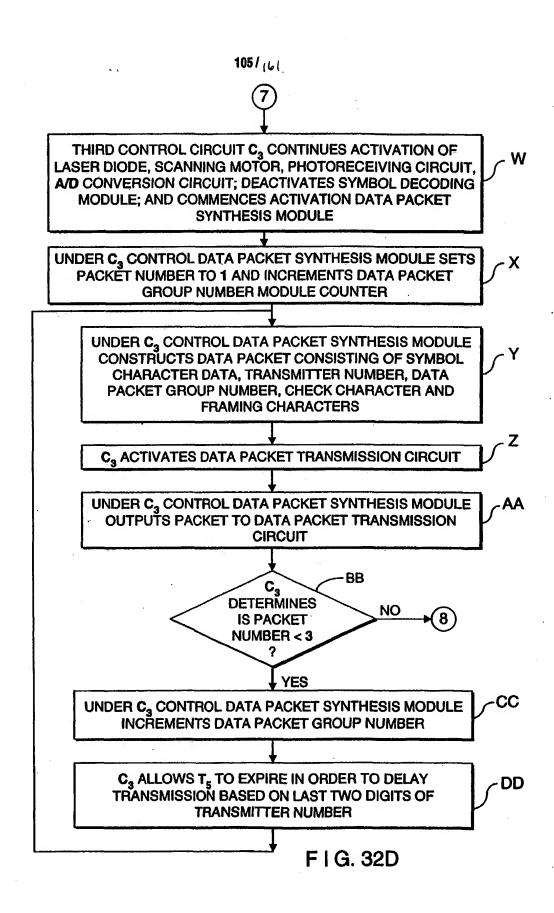


FIG. 32A1









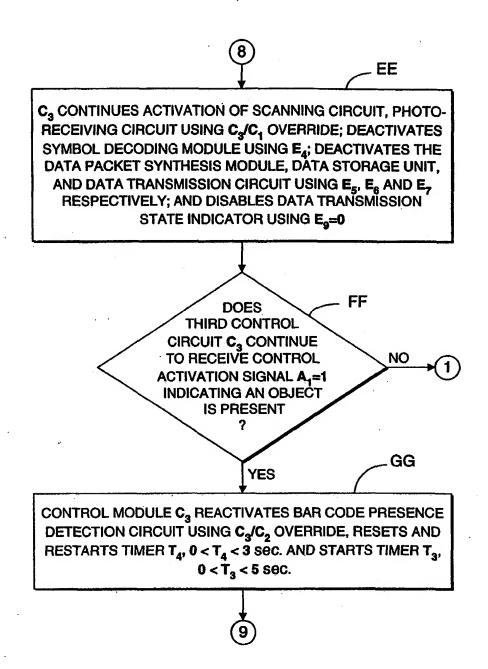


FIG. 32E

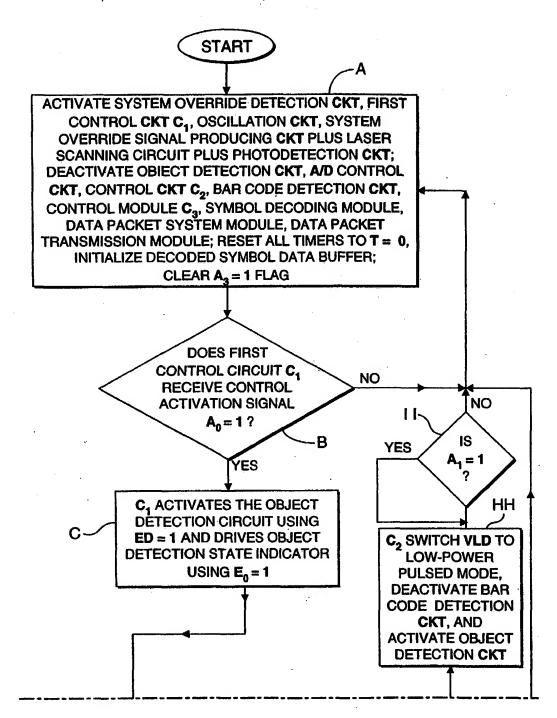
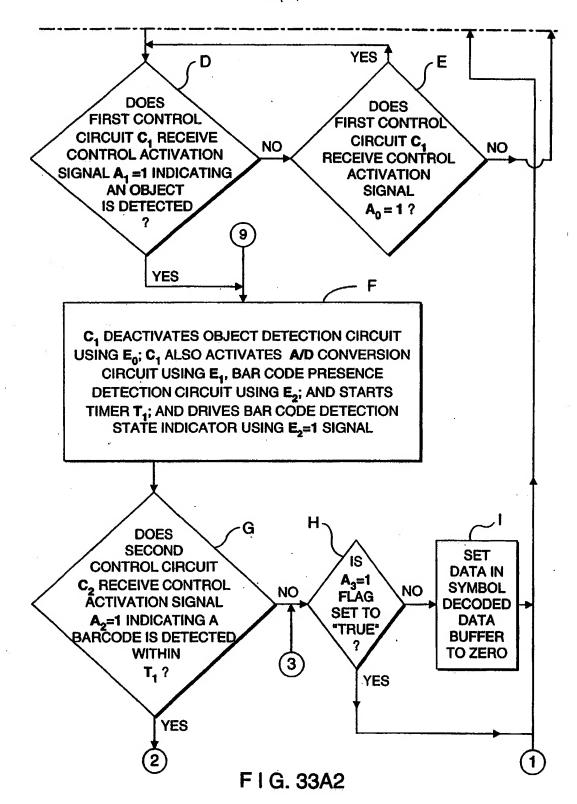
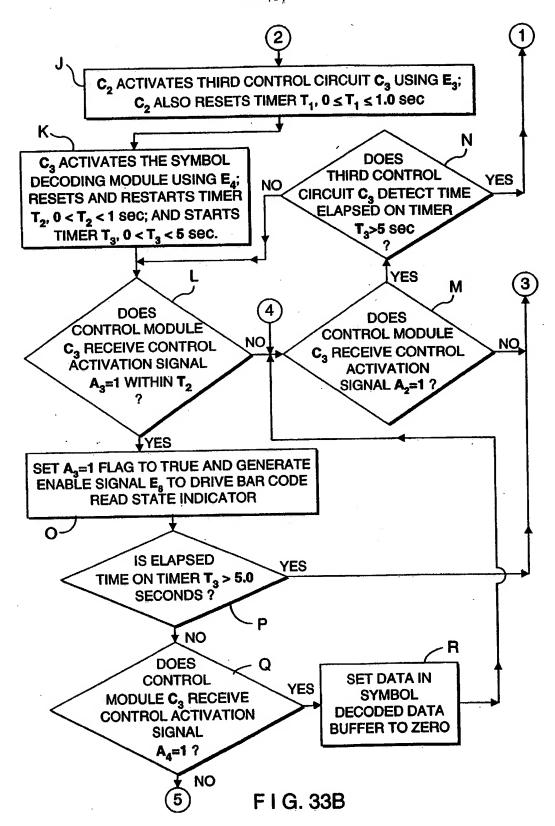
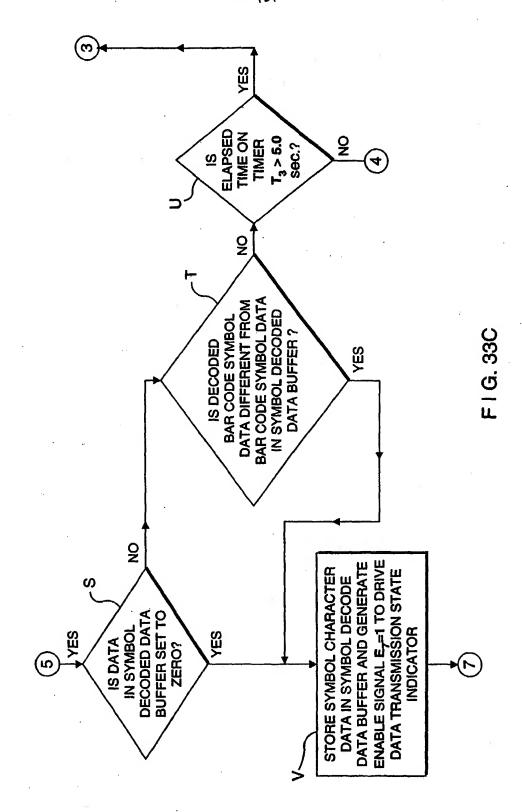
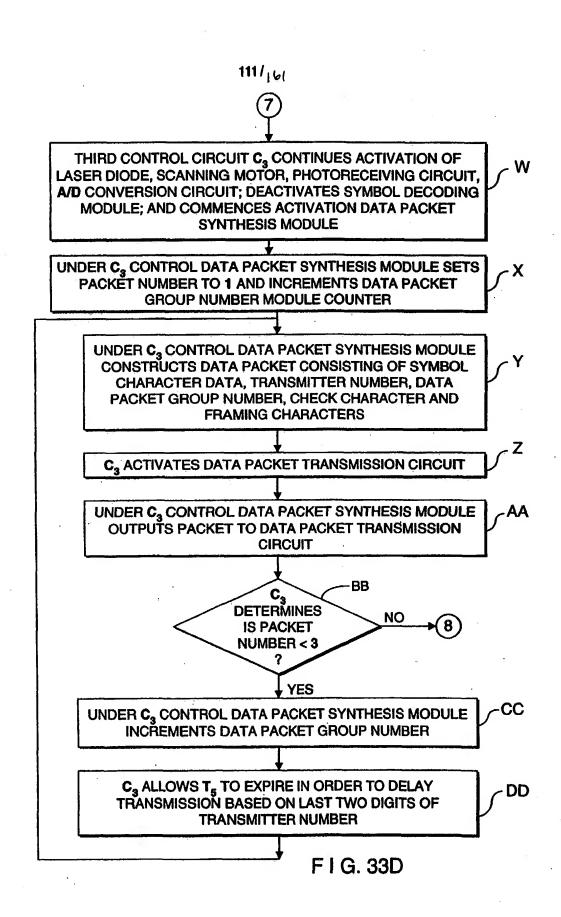


FIG. 33A1









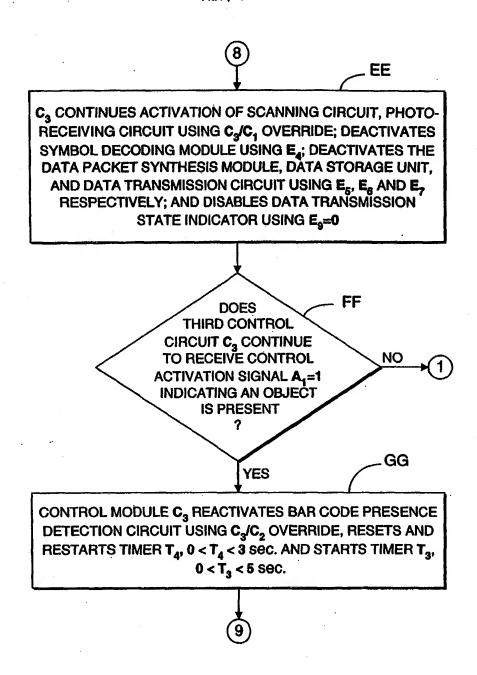
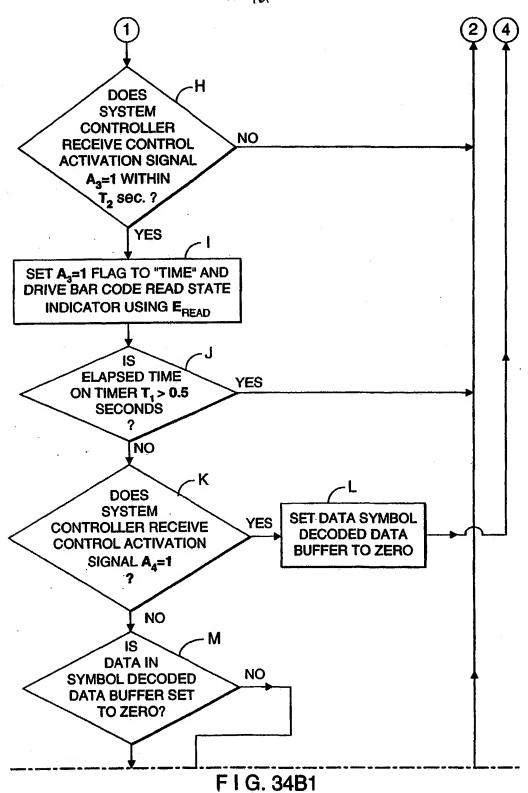


FIG. 33E





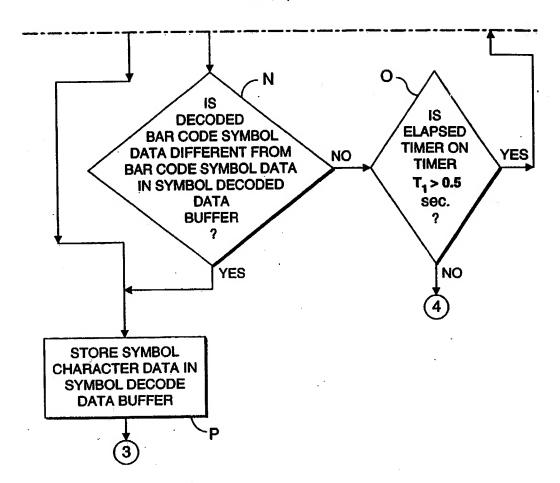


FIG. 34B2

SYSTEM CONTROLLER CONTINUES ACTIVATION OF LASER DIODE, SCANNING MOTOR, PHOTORECEIVING CIRCUIT. A/D CONVERSION CIRCUIT; DEACTIVATES SYMBOL DECODING MODULE; AND COMMENCES ACTIVATION OF DATA FORMAT CONVERSION MODULE AND DATA TRANSMISSION MODULE (AND/OR DATA STORAGE MODULE); DRIVE DATA TRANSMISSION STATE INDICATOR WITH E_{DT}=1 TRANSMIT SYMBOL CHARACTER DATA TO HOST DEVICE (E.G. COMPUTER, CASH REGISTER, ETC.) OR OTHER STORAGE (PROCESSING DEVICE); DRIVE DATA R TRANSMISSION STATE INDICATOR USING E_{DT}=1, AND DISABLE BAR CODE READ INDICATOR USING E_{SD}=0 SYSTEM CONTROLLER DEACTIVATES DATA FORMAT CONVERSION MODULE, DATA TRANSMISSION MODULE (AND **DATA STORAGE MODULE)**

FIG. 34C

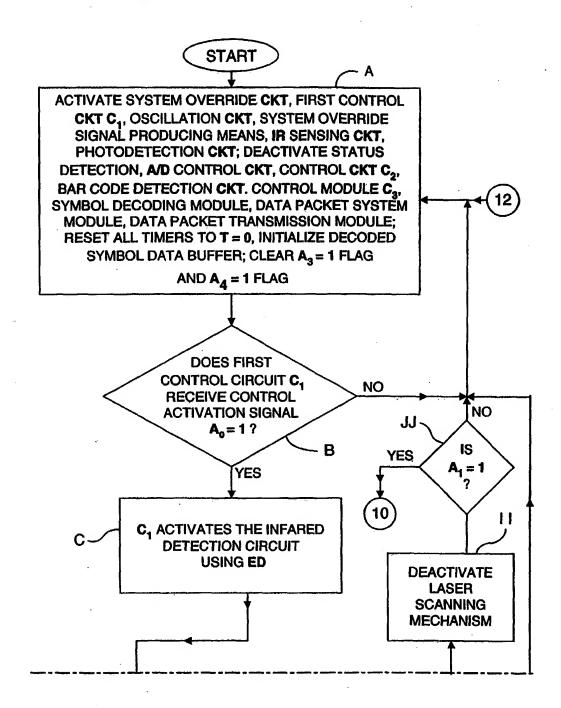
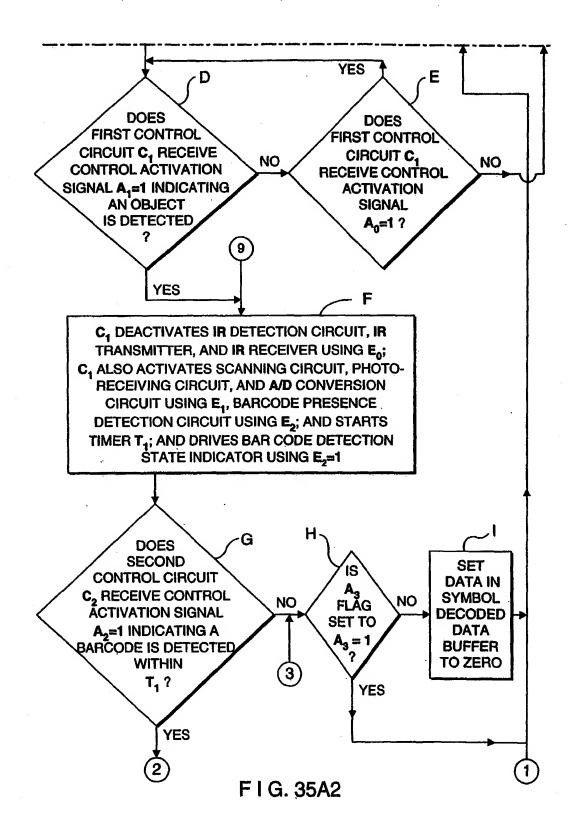
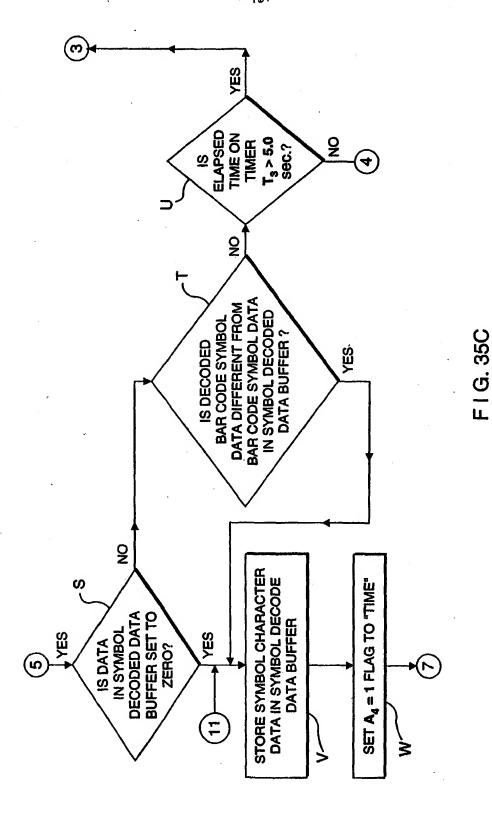


FIG. 35A1





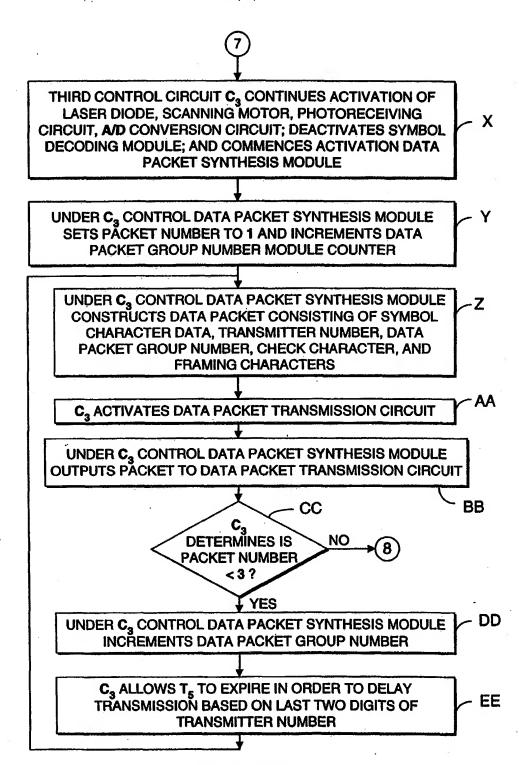


FIG. 35D

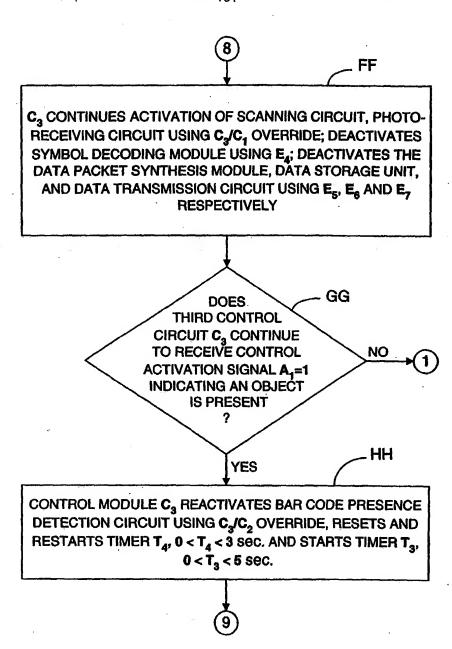
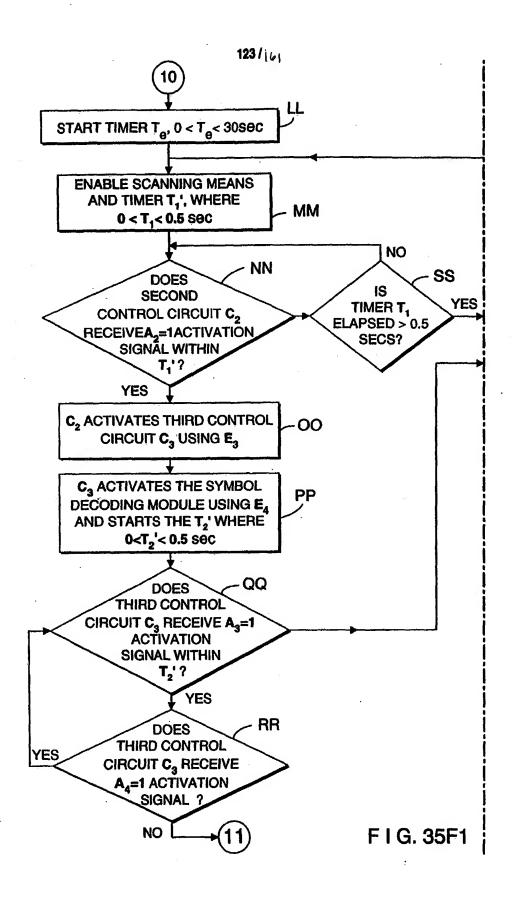
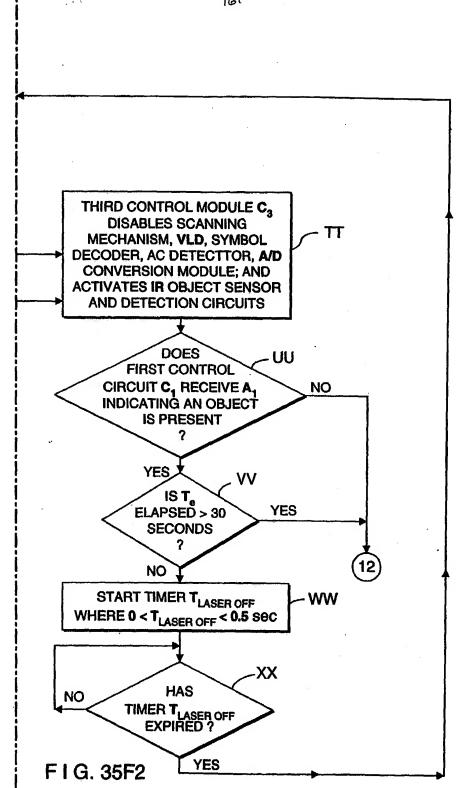
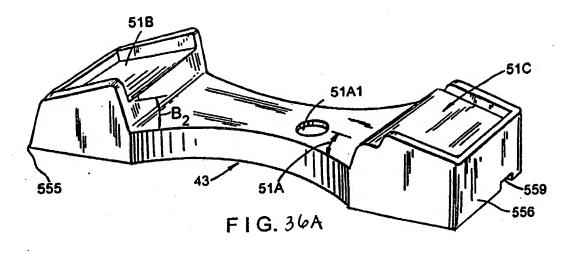
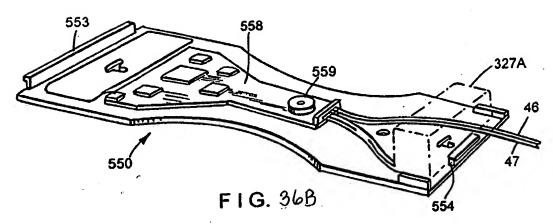


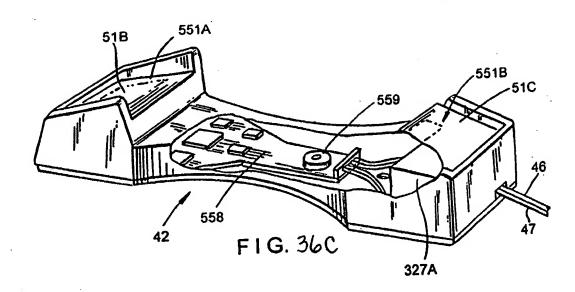
FIG. 35E

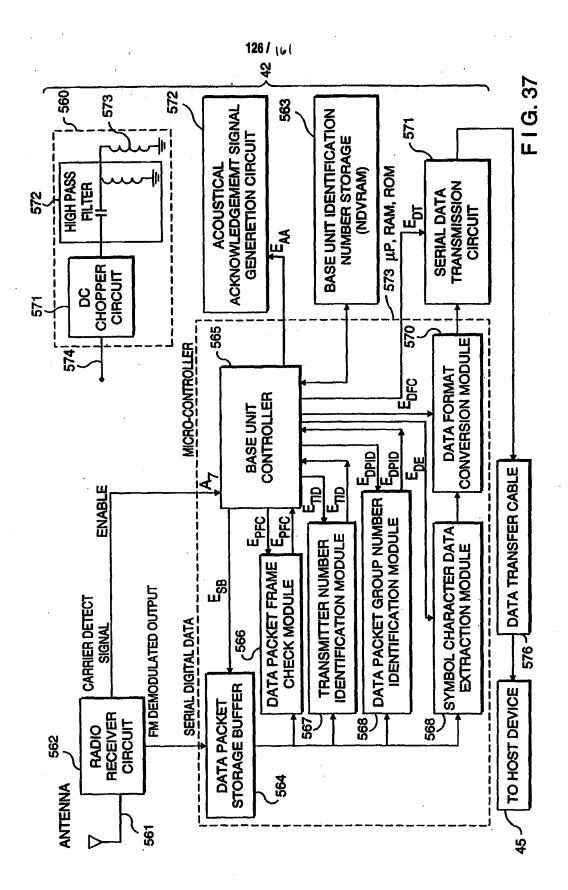


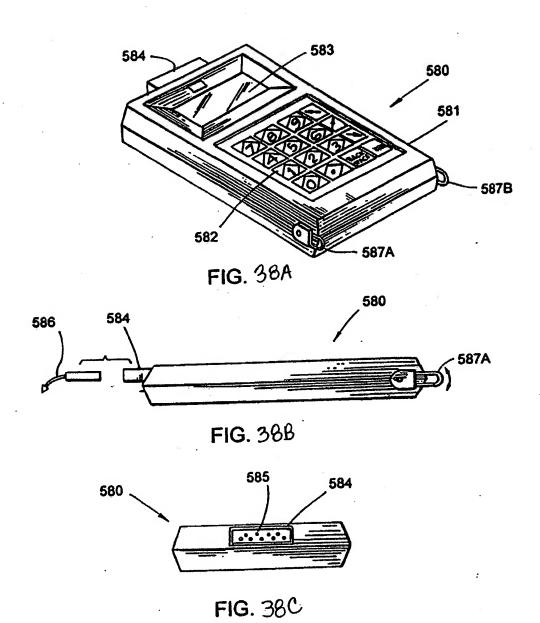












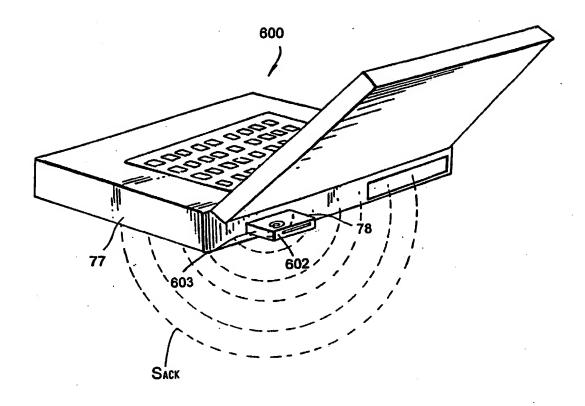


FIG. 39

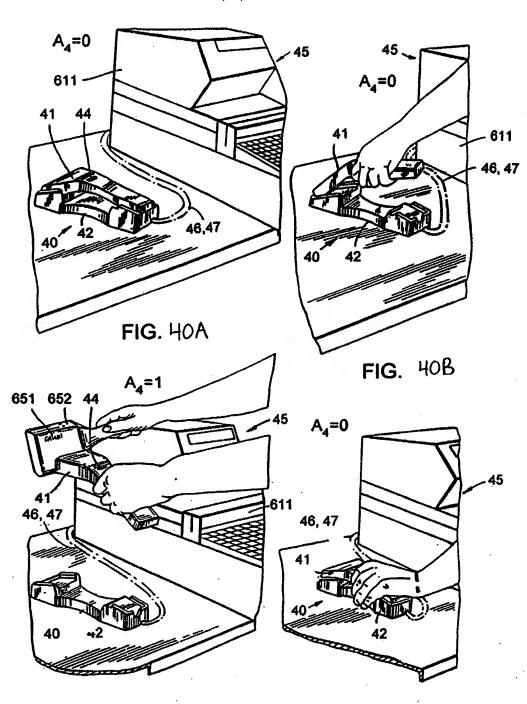
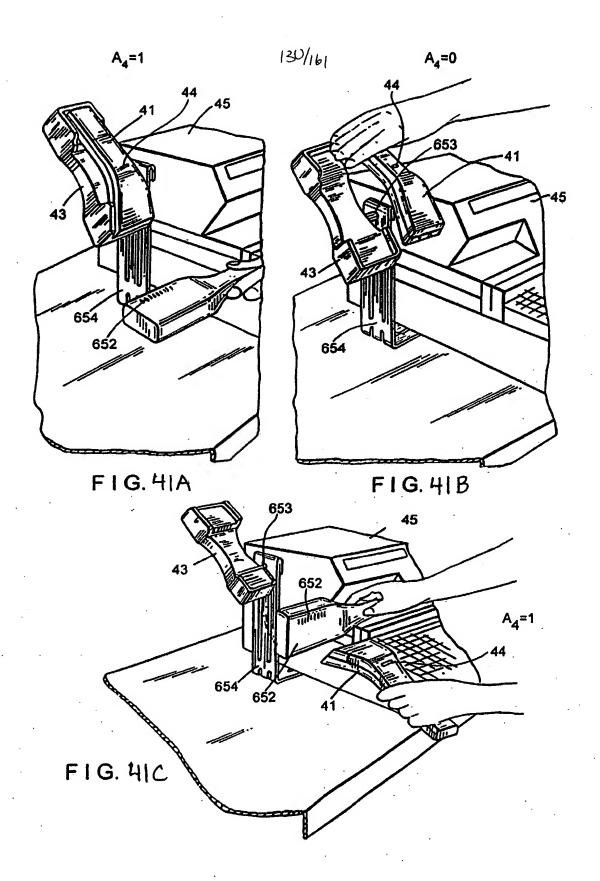
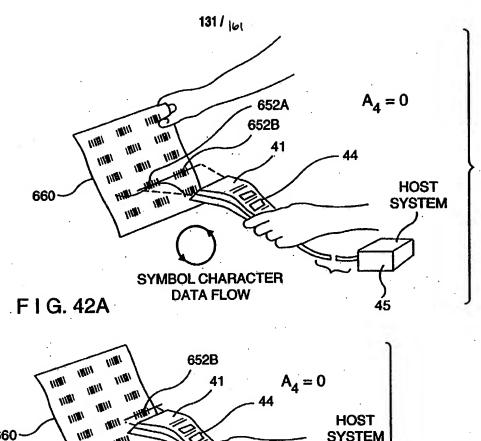
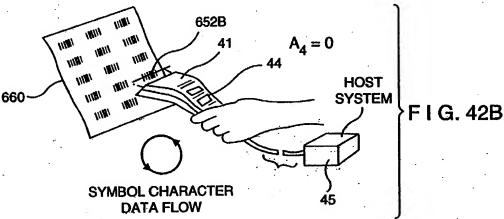


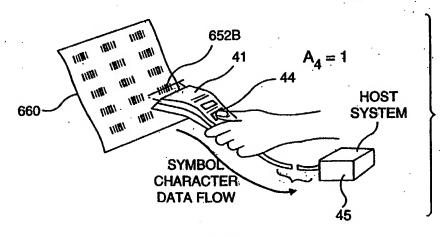
FIG. 40C

FIG. 40D

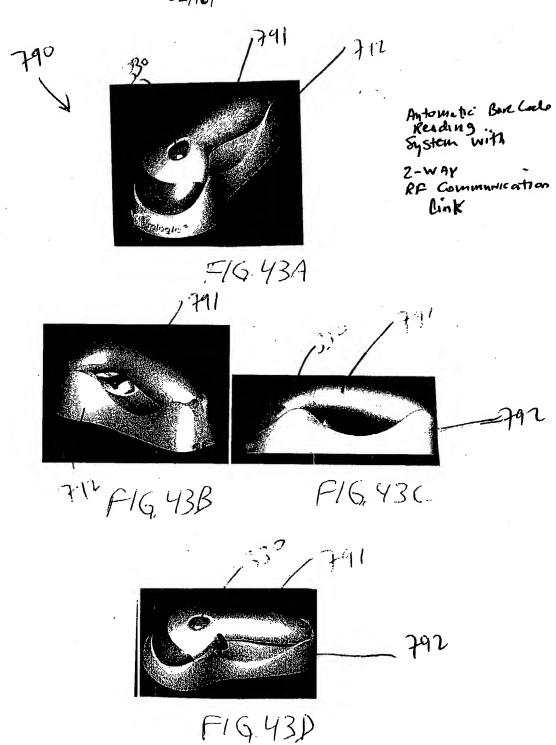


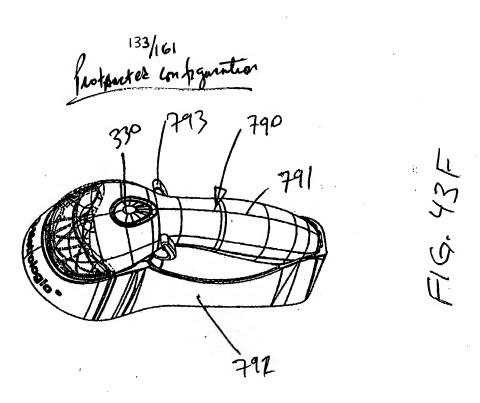


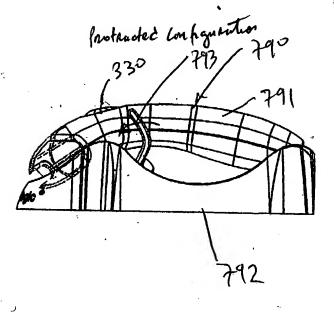




F1G. 42C

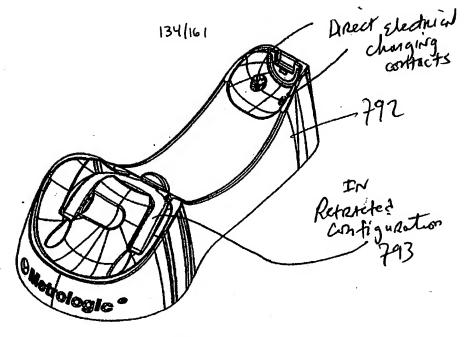




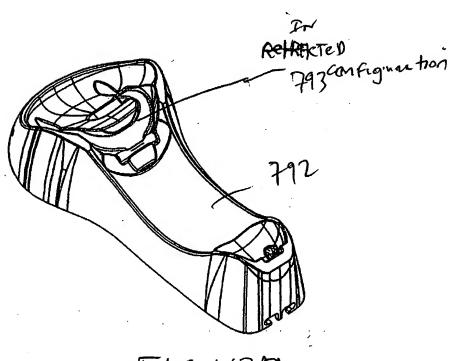


F1G 43 E

T>

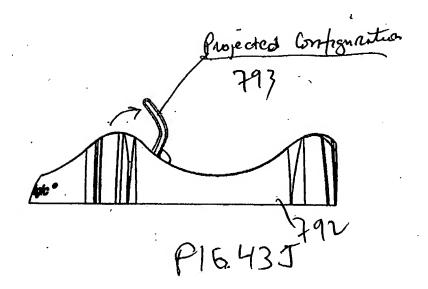


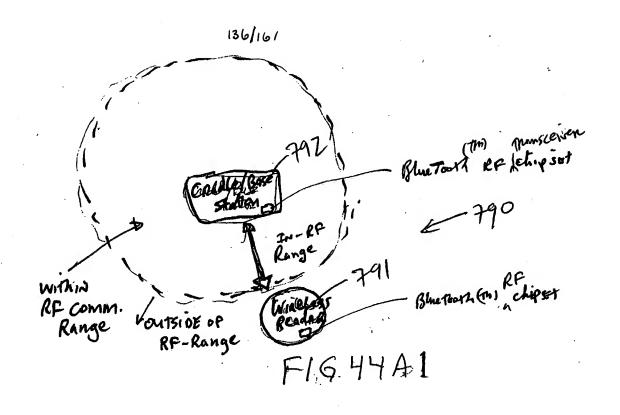
P1G. 439

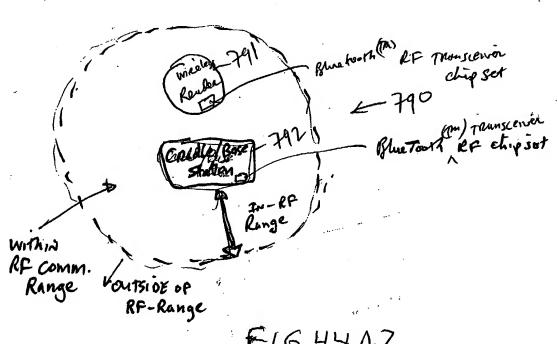


F16.43A

Retracted configuration 793 FIG. 43 I 792



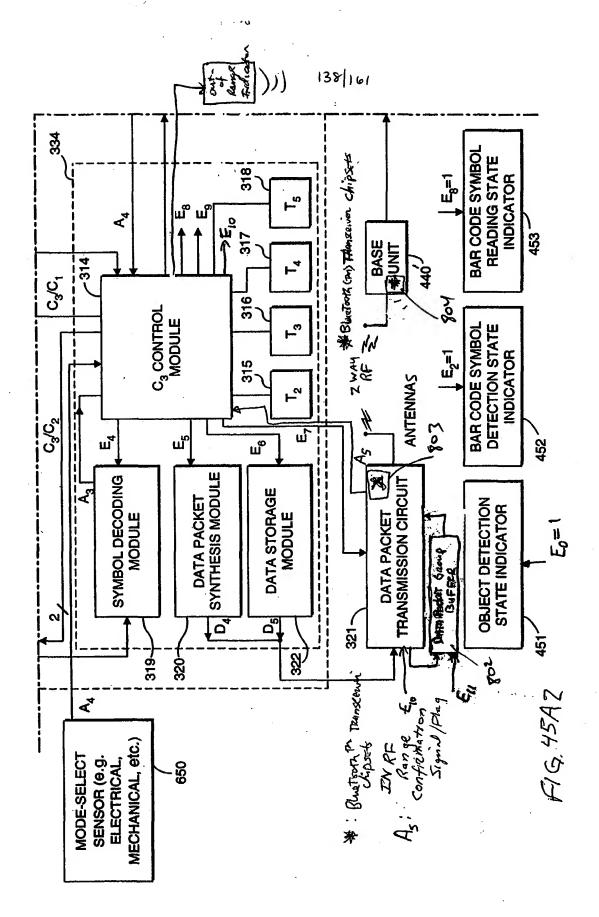




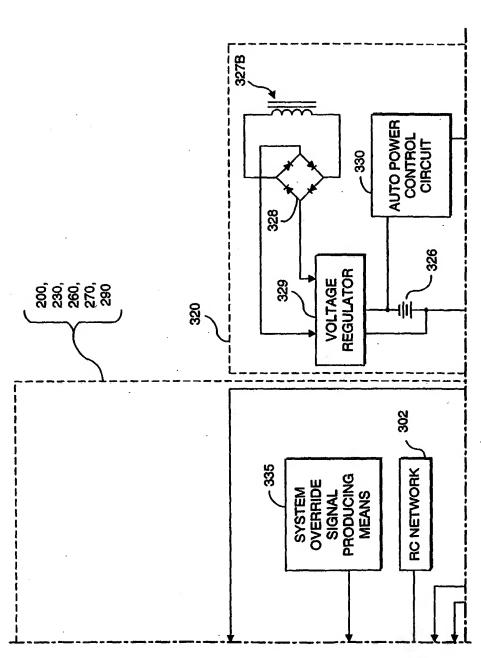
F16.44AZ

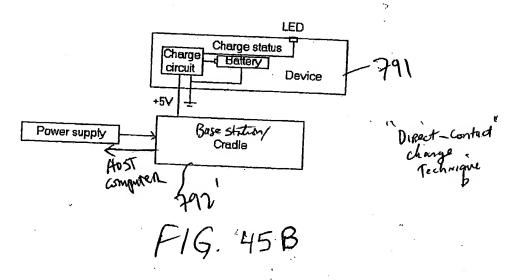
386B T

F/6 45A1

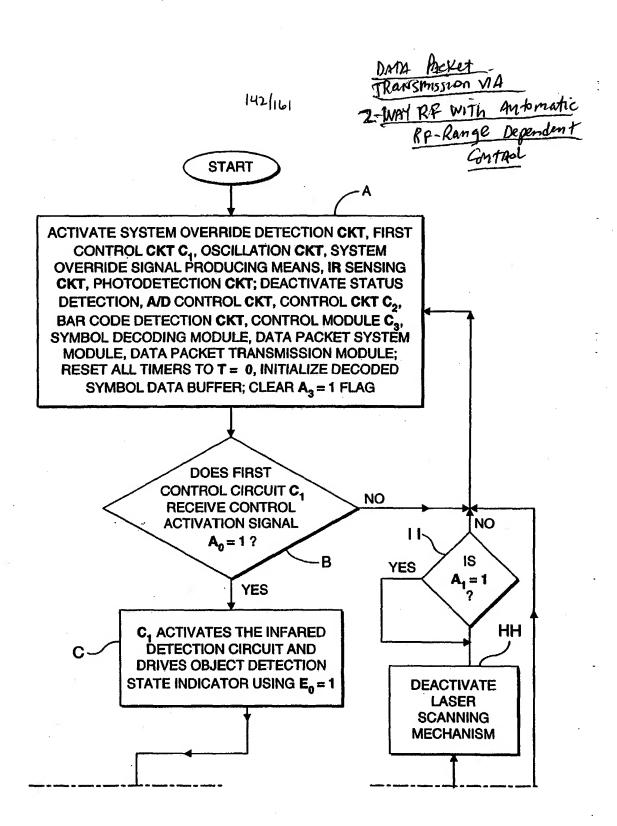




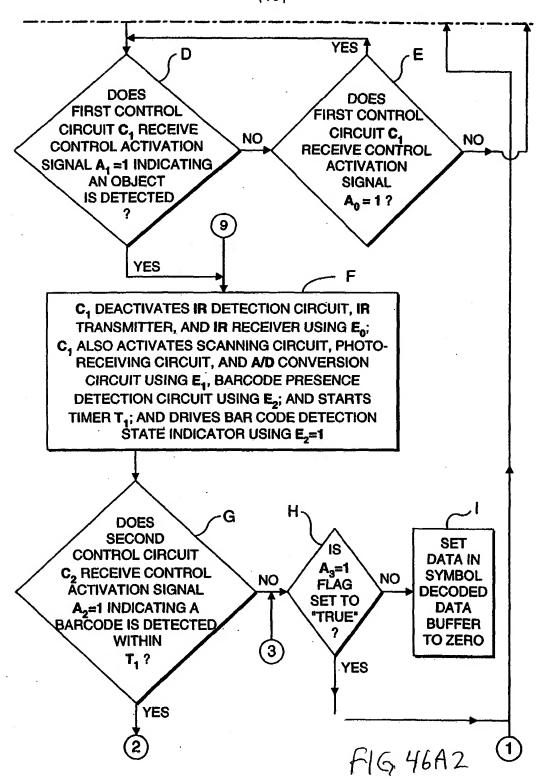


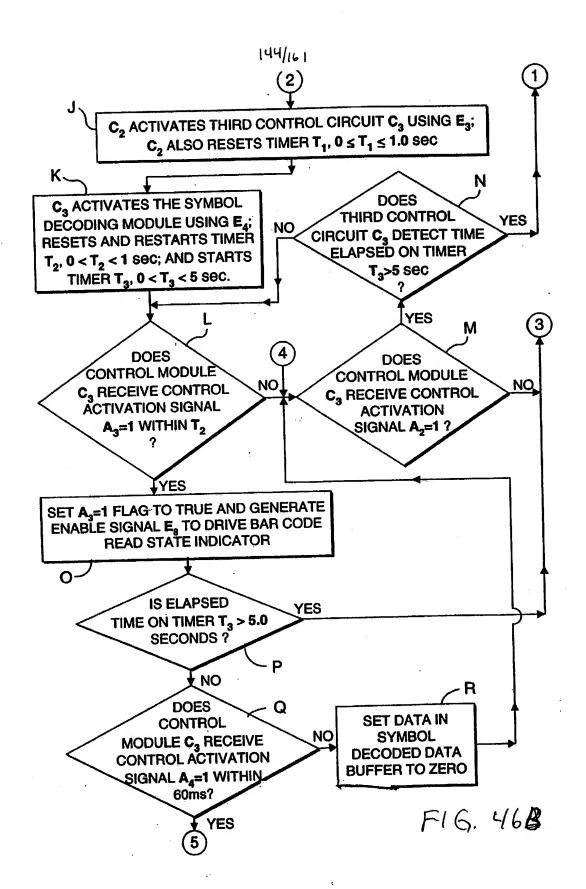


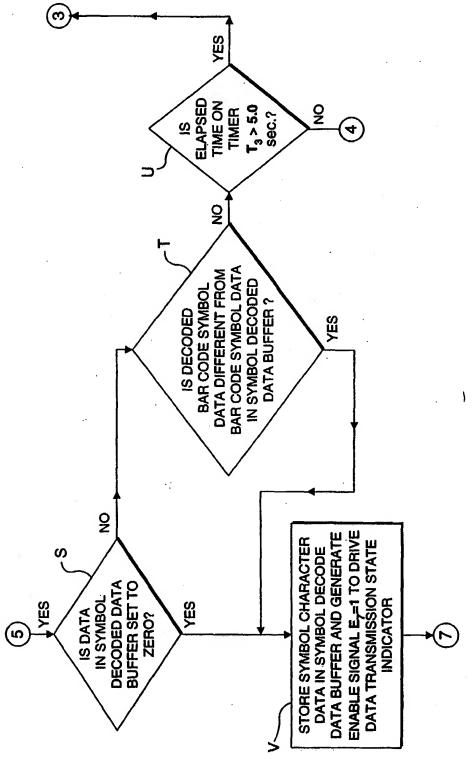
{



F16.46A1



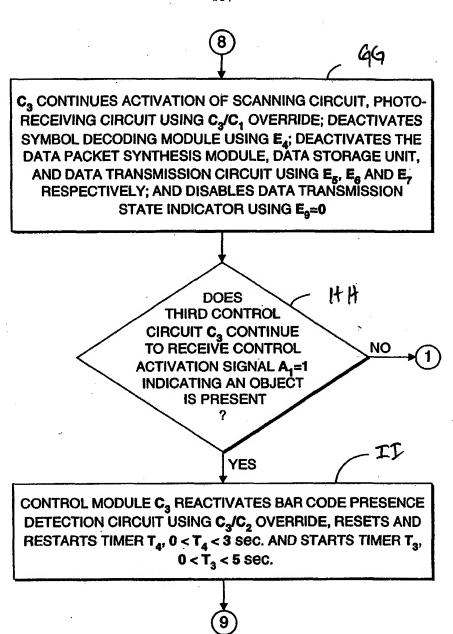


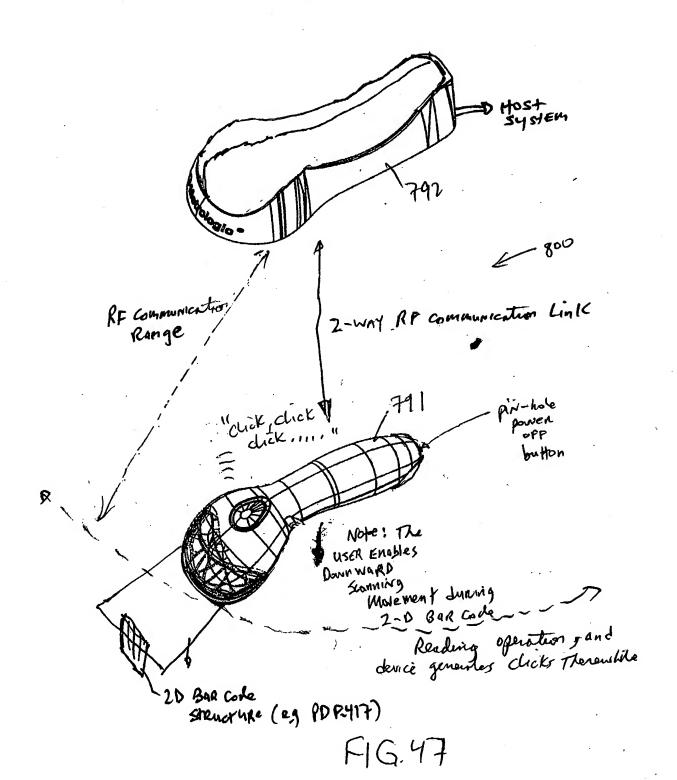


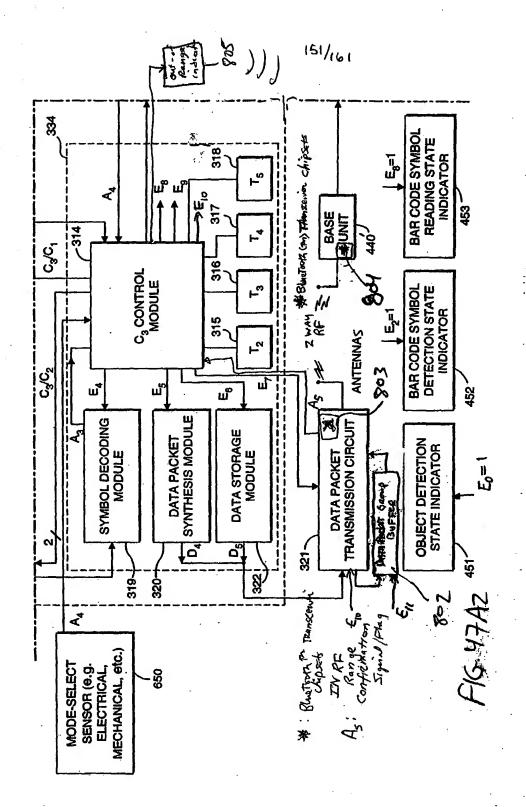
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C3 ACTIVATES DATA PACKET TRANSMISSION CIRCUIT CC UNDER C3 CONTROL DATA PACKET SYNTHESIS MODULE OUTPUTS PACKETTO DATA PACKET TRANSMISSION CIRCUIT FOR TRANSmission Base Station DATA PACICET TRANSMUSSION CIRCUIT Receives a PRIKET Group Action de dement Base STATION When Fitom SE STATION RELEIVES ALL ARCKETS EACH BATA PACKET GROUP SENT Ez control module geneenter And the beep sound (and good Read visual-indication) for each Data Packed Guang Sent To Base station Successfully

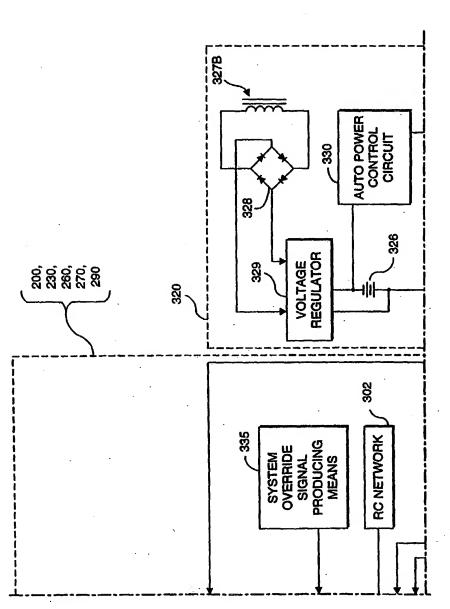
F1G. 46 C3

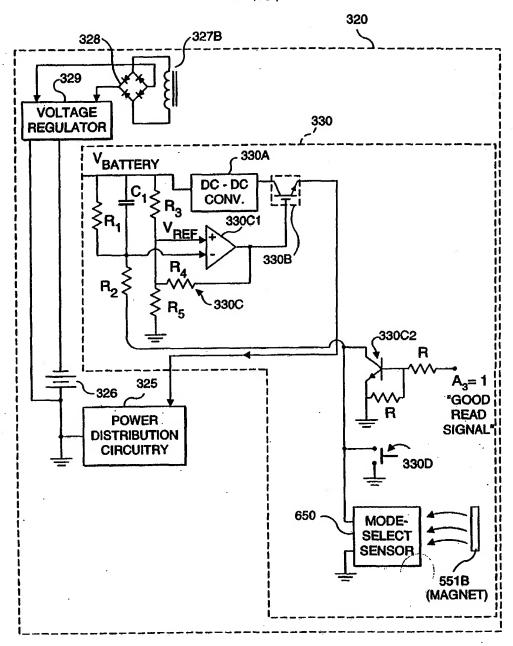




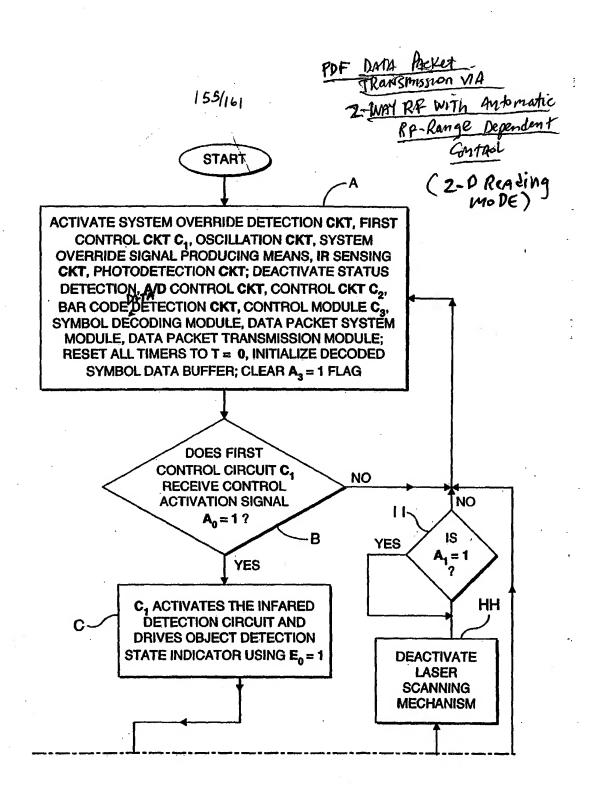




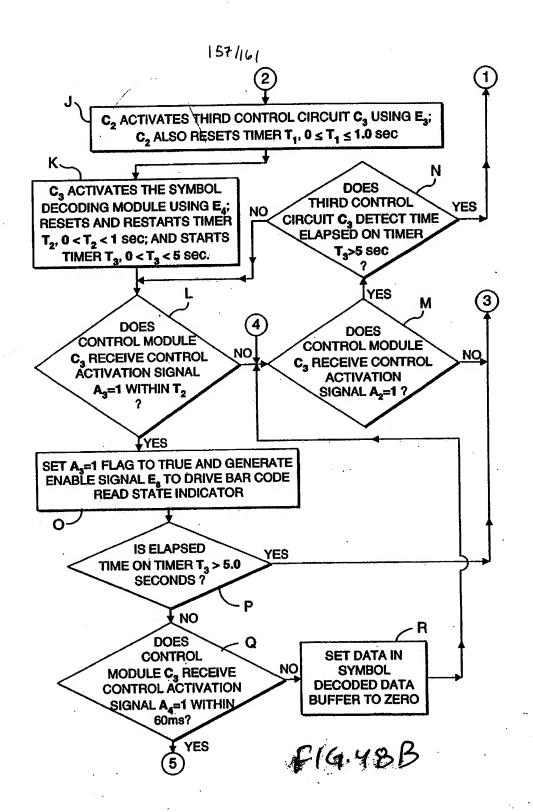


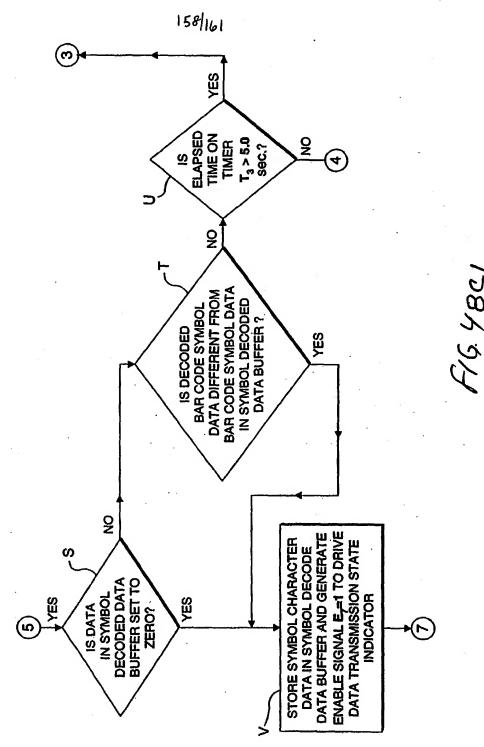


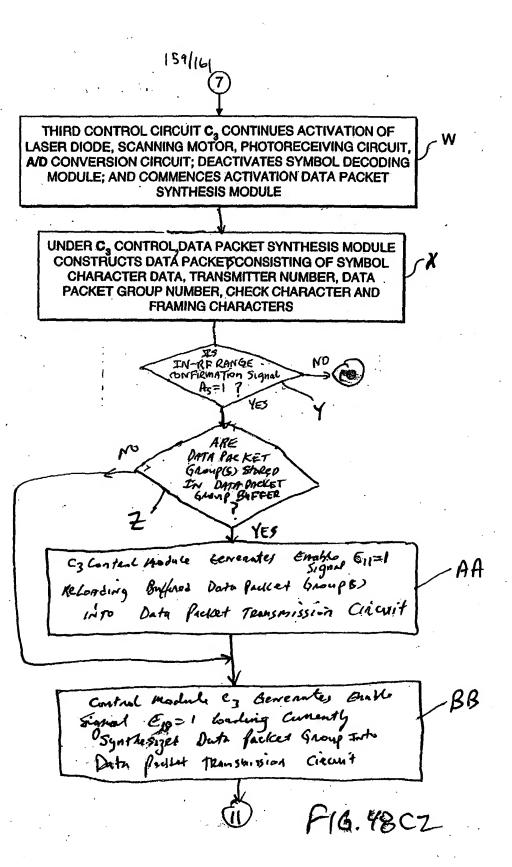
F1G. 47B



F16. 48 A1





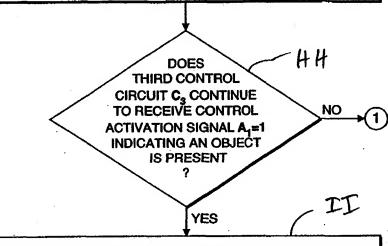


F1G. 48C3



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 ${f C_3}$ CONTINUES ACTIVATION OF SCANNING CIRCUIT, PHOTO-RECEIVING CIRCUIT USING ${f C_3/C_1}$ OVERRIDE; DEACTIVATES SYMBOL DECODING MODULE USING ${f E_4}$; DEACTIVATES THE DATA PACKET SYNTHESIS MODULE, DATA STORAGE UNIT, AND DATA TRANSMISSION CIRCUIT USING ${f E_5}$, ${f E_6}$ AND ${f E_7}$ RESPECTIVELY; AND DISABLES DATA TRANSMISSION STATE INDICATOR USING ${f E_0}$ =0



CONTROL MODULE $\mathbf{C_3}$ REACTIVATES BAR CODE PRESENCE DETECTION CIRCUIT USING $\mathbf{C_3/C_2}$ OVERRIDE, RESETS AND RESTARTS TIMER $\mathbf{T_4}$, $\mathbf{0} < \mathbf{T_4} < \mathbf{3}$ sec. AND STARTS TIMER $\mathbf{T_3}$, $\mathbf{0} < \mathbf{T_3} < \mathbf{5}$ sec.

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F1G. 48C4